STATISTICAL HAND BOOK
TAMILNADU

1978

DEPARTMENT OF STATISTICS
MADRAS

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STATISTICAL HAND BOOK
OF
TAMIL NADU
1978

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DEPARTMENT OF STATISTICS

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1978

PREFACE.

The Statistical Hand Book of Tamil Nadu for the year 1978, presents in a succinct form, essential factual information highlighting the different sectors of economy of Tamil Nadu. The Hand Book is designed to serve as a ready book of reference to those seeking statistical information pertaining to this State.

The data presented in this publication have been collected from various departments of central and State Governments, Public sector undertakings and Private Institutions.

The continued Co-operation so spontaneously extended by the Heads of Departments and Private Institutions in furnishing the data is gratefully acknowledged.

Suggestions for improvement of this Hand Book are welcome.

M. A. LATIFF

Commissioner of Statistics (I/C.)

Date : 2nd November 1978.
Madras - 600 006.

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NOTE.

1. Data furnished in this Hand Book relate to Tamil Nadu, unless otherwise stated.

2. The following symbols and abbreviations have been used : –

P. Provisional.

PR. Partially Revised Estimates.

PRLY. Preliminary Estimates.

QE. Quick Estimates.

N. Negligible.

N.A. Data not available.

PT. Provisional Tentative.

* Estimates.

** Bales of 170 kg. lint each.

£ Thousand Bales of 170 kg. lint each.

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GENERAL INFORMATION

GOVERNOR OF TAMIL NADU

THIRU PRABHUDAS PATWARI.

MINISTERS AND THEIR PORTFOLIOS

THIRU M. G. RAMACHANDRAN, *Chief Minister.*	Public, General Administration, Indian Administrative Service Officers, District Revenue Officers, Deputy Collectors, Police, Passport, Prohibition, Prevention of Corruption, Large Scale Industries, Mines and Minerals.
THIRU K. MANOHARAN, *Minister for Finance.*	Finance, Planning and Legislature, Public Works (Buildings) Establishment matters relating to Public Works Department.
THIRU S. RAMACHANDRAN, *Minister for Electricity.*	Electricity, Iron and Steel Control.

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THIRU R. SOUNDARARAJAN, *Minister for Health.*	Health.
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2.	THIRU AANOOR JAGADEESAN	Parliamentary Secretary to Minister for Co-operation.
3.	THIRU P. MUSIRIPUTHAN	Parliamentary Secretary to Minister for Revenue.
4.	THIRU ISARI VELAN	Parliamentary Secretary to Minister for Information and Hindu Religious Endowments.
5.	THIRU M. A. JAYAVELU	Parliamentary Secretary to Minister for Law.
6.	THIRU A. VELLAISAMY	Parliamentary Secretary to Minister for Education.
7.	THIRU P. G. KITTU	Parliamentary Secretary to Minister for Transport.
8.	THIRU R. ARUNACHALAM	Parliamentary Secretary to Minister for Health.

5

JUDGES OF THE HIGH COURT, MADRAS

Chief Justice:

The Hon'ble Thiru Justice T. Ramaprasada Rao

Puisne Judges.

The Hon'ble Thiru Justice		M. M. Ismail
,,	,,	P. R. Gokulakrishnan
,,	,,	G. Ramanujam
,,	,,	V. Ramaswami
,,	,,	C. J. R. Paul
,,	,,	S. Natarajan
,,	,,	A. Varadarajan
,,	,,	V. Sethuraman
,,	,,	S. Ratnavel Pandian
,,	,,	S. Mohan
,,	,,	S. Suryamurthy
,,	,,	V. Balasubrahmanyan
,,	,,	S. Padmanabhan

Additional Judges.

The Hon'ble Thiru Justice		M. A. Sathar Sayeed
,,	,,	T. Sathiadev
,,	,,	S. Nainar Sundaram
,,	,,	G. Maheswaran

Registrar.

Thiru D. S. Alexander

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Chairman.

Chief Minister of Tamil Nadu.

Vice-Chairman.

Thiru Kovai Chezhiyan, M. A.,

Members.

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(Full-Time).

Dr. V. Shanmugasundaram
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Secretary to Government,
Rural Development and Local Administration Department (Ex-Officio).

Secretary to Government,
Agriculture Department (Ex-Officio).

Member-Secretary,

Thiru R. NAGARAJAN, I.A.S.

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Thiru J. A. Ambasankar, I.A.S. (Retired).

Members.

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Thiru M. Periasamy, I.A.S. (Retired).

Secretary.

Thiru N. Sivanesan, I.A.S.

Controller of Examinations.

Thiru S. Thirumalaiappan, I.A.S.

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Thiru S. Parthasarathy, I.A.S. ..	Collector of Salem.
Thiru K. H. Moinuddin, I.A.S. ..	Collector of Coimbatore.
Thiru K. Dharmarajan, I.A.S. ..	Collector of The Nilgiris.
Thiru P. Shankar, I.A.S.	Collector of Tiruchirappalli.
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Thiru P. C. Cyriac, I.A.S. ..	Collector of Madurai.
Thiru P. S. Pandyan, I.A.S. ..	Collector of South Arcot.
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Thiru M. K. Balasubramanian, I.A.S.	Collector of Kanniyakumari.
Thiru A. K. Vijayabhanu, I.A.S.	Collector of Pudukkottai.

Thiru S. Subramanian, I.A.S.	..	Collector of Rama-nathapuram.
Thiru R. Shanmugam, I.A.S.	..	Collector of Tiru-nelveli.

TAMIL NADU AT A GLANCE.

GEOGRAPHICAL POSITION—

North Latitude .. Between 8° 5′ and 13° 35′

East Longitude .. Between 76° 15′ and 80° 20′

TEMPERATURE 1977–78 (in centigrades)—

(*a*) PLAINS—

Maximum	42·8
Minimum	13·2

(*b*) HILL STATIONS—

Maximum	27·0
Minimum	0·5

RAINFALL 1977–78 (in mm.)—

Normal	945·7
Actual (Provisional)	1,155·2

STATE INCOME 1977–78—

State Income at current prices (Rs. in lakhs) (Quick Estimates).	4,66,990
Percapita Income at current prices in Rupees.	1,030·88

AREA AND POPULATION (1971 census)—

(i) Area (Sq. km.)	1,30,069
(ii) Population	41,199,168
(iii) Population (1978 projected) ..	46,718,000
(iv) Density per sq. km.	317
(v) Literates	16,256,393

Agriculture 1976–77

Land Utilisation (in 000 hectares).

(*a*) Total area	12,999
(*b*) Net area sown	6,007
(*c*) Area sown more than once ..	1,140
(*d*) Gross area sown	7,147

Estimated Area and Production of Principal Crops in Tamil nadu in 1977–78.

Crop.	*Estimated area* '000' *hectares.*	*Estimated production* '000' *tonnes.*
(1)	(2)	(3)
1. Rice	26,70	59,01
2. Millets	20,36	20,12
3. Sugarcane (gur) ..	1,64	19,47
4. Groundnut (unshelled)	9,75	11,10
5. Gingelly	1,19	39
6. Cotton (in '000' bales of 170 kgs.).	3,04	4,05
7. Pulses	5,88	2,04

Irrigation 1977–78

(*a*) Net area irrigated by—	'000' *hectares.*
(i) Government canals	6,76
(ii) Tanks	8,00
(iii) Tube-wells	65
(iv) Sole irrigation	7,60
(v) Other sources (like private canals, springs, etc.)	29
Total.	23,30
(*b*) Gross area irrigated	30,01

(*c*) Water Levels in Reservoirs 1977–78
(June 1977 to May 1978).

Name of reservoir.	*Full depth (metres).*	*Hlghest level (metres).*	*Lowest level (metres).*
(1)	(2)	(3)	(4)
1 Mettur	36·58	36·71	10·21
2 Bhavanisagar ..	32·00	31·39	12·21
3 Amaravathy ..	33·53	33·52	12·48
4 Sathanur	36·27	36·27	13·13
5 Manimuthar ..	35·97	35·66	8·19
6 Papanasam	45·11	44·82	7·55
7 Poondi	42·06	41·67	37·79
8 Krishnagiri	15·85	15·84	8·80
9 Vidur	9·75	9·61	2·19
10 Gomukhi	14·02	13·53	3·51
11 Manimukthanadhi ..	10·97	10·36	Nil.
12 Willingdon	8·60	8·78	1·28
13 Periyar	14·63	13·01	2·20
14 Vaigai	21·64	21·54..	4·23
15 Maizalar	17·37	17·12	10·50

Name of reservoir.	Full depth (metres).	Highest level (metres)	Lowest level (metres)
(1)	(2)	(3)	(4)
16 Pechiparai	14·63	13·92	1·25
17 Perunchani	23·47	22·63	2·74
18 Chittar Dam I ..	19·20	18·61	13·95
19 Chittar Dam II ..	17·98	17·46	12·48

LIVESTOCK AND ANIMAL HUSBANDRY 1977—78

1 Livestock population (census 1977) ..	2,41,46,248
2 Livestock Farms (cattle)	7
3 Sheep Farms	2
4 Poultry Extension Centres	29
5 Veterinary Hospitals	38
6 Veterinary Hospitals-*cum*-Key Village Centres.	10
7 Veterinary Dispensaries	511
8 Veterinary Dispensaries-*cum*-Key Village Centres.	78
9 Clinical Laboratories	13
10 Rinderpest Check Posts	9
11 Rinderpest Vigilance Units	10

Fisheries 1977—78

1 Length of coastal line (km)	1,000
2 Marine Fish production (tonnes) ..	1,75,480
3 Value for Marine Fish production (Rs. in lakhs).	28,91
4 Inland Fish production ('000' tonnes) ..	150
5 Value of Inland Fish production (Rs. in lakhs).	1,170

Forests 1977—78

(*a*) Forest area (Hectares)	2,215,191
Reserved Forests	1,730,936
Unclassed Forests	43,862
Reserved lands	440,393

(*b*) Out-turn of Forest Produce—

Timber (cu.m.)	44,367
Fuelwood and Pulpwood (cu.m.) ..	184,173
Sandalwood (tonnes)	3,280

Industries 1975—76

1 Registered Working Factories	7,995
2 Productive Capital (Rs. in lakhs) ..	16,84,64

3 Employment 1975—76

(i) All workers	531,233
(ii) All employees	670,567
4 Total Wages and Salaries (Rs. in lakhs) ..	5,45,94
5 Total Input (Rs. in lakhs)	23,61,77
6 Total Output (Rs. in lakhs)	30,13,81
7 Depreciation (Rs. in lakhs)	9,667
8 Value added (Rs. in lakhs)	5,55,37

FACTORIES 1977

1 Registered Factories	8,506
2 Working Factories	~~7,669~~ 7,705

ELECTRICITY 1977—78

1 Installed capacity (in M.W.)	1,824
2 Generation (in M.U.)	5,619·85
3 Consumption (in M.U.)	7484·447
4 Number of Towns, Villages and hamlets electrified.	63,339

EDUCATION 1977—78

1 Universities	4
2 Arts and Science Colleges	189
3 Colleges for Professional Education ..	67
4 Colleges for Special Education ..	21
5 Schools for General Education ..	36,205
6 Schools for Professional Education ..	83
7 Schools for Special Education	84
8 Institutions for other Professional Education.	157

VITAL STATISTICS 1976

Birth Rate per 1,000	22·6
Death Rate per 1,000	8·0
Infant Mortality per 1,000	47.6

MEDICAL, HEALTH AND FAMILY WELFARE 1977—78

1	Hospitals	350
2	Dispensaries	1,322
3	Primary Health Centres	383
4	Maternity and Child Health Centres ..	3,866
5	Family Planning Institutions	862
6	Registered Doctors (Modern Medicine)	26,956
7	Registered Doctors (Indian Medicine)	24,129
8	Registered Doctors (Homoeopathy) ..	15,027
9	Registered Dentists	536
10	Registered Nurses	20,728
11	Registered Midwives	28,112
12	Registered Auxiliary Nurse Midwives ..	3,724
13	Registered pharmacists	9,511

LEGISLATURE 1977

1	Members of the Legislative Assembly ..	235
2	Members of the Legislative Council ..	63
3	Members of Parliament (Lok Sabha).	39
4	Members of Parliament (Rajya Sabha).	18

ELECTORATE 1977.

Men	13,703,031
Women	13,482,893
Total	27,185,924

POLICE AND PRISONS 1977

(*a*) Police—

(i) Police Force (Local and Armed Reserve)	43,823
(ii) Police Stations..	837
(iii) Police Outposts	184

(*b*) Prisons	135

REVENUE ADMINISTRATIVE DIVISIONS (AS ON 31ST MARCH 1978)

1 Revenue Districts	15
2 Revenue Taluks	137
3 Revenue Firkhas	774
4 Revenue Villages	17,097

LOCAL BODIES 1977—78

1 Panchayat Unions	374
2 Town Panchayats	621
3 Village Panchayats	12,602
4 Townships (Panchayat Act)	12
5 Municipal Councils	106

COMMUNITY DEVELOPMENT 1977-78

1 Development Districts	24
2 Blocks	374
3 Population covered (lakhs)	321
4 Area covered (sq. km.)	1,12,099
5 Villages covered	16,616

CO-OPERATION 1976–77

1 Co-operative Banks	374
2 Agricultural Credit Societies	4,806
3 Housing Co-operative Societies ..	1,215
4 Consumer Stores and Federations ..	1,747
5 Lift Irrigation Societies	181
6 Weavers' Co-operative Societies and Federations.	884
7 Milk Supply Societies	2,894
8 Milk Supply Unions	23
9 Khadi and Village Industries Societies.	3,113
10 Wholesale Stores, Marketing Societies and Federations.	154
11 Co-operative Sugar Mills	9
12 Primary Fishermen Co-operative Societies.	500
13 District Fisherman Co-operative Federation and Marketing Union.	19
14 Other Co-operative Societies and Federations.	2,631

TRANSPORT AND COMMUNICATION—

(*a*) Railway length as on 31st March 1978—	
(i) Route length (km.)	3,757·40
(ii) Track length (km.)	6,389·39
(*b*) Road length as on 31st March 1977—	
(i) Surfaced (km.)	61,291
(ii) Unsurfaced (km.)	39,359

(*c*) Registered Motor vehicles, 1977–78 ..	235,562
(*d*) Post and Telegraph, 1977–78–	
(i) Post and Telegraph offices	2,303
(ii) Post offices	11,314
(iii) Telegraph offices	33

TRADE—1976–77–

1 Value of Foreign Exports (Rs. in lakhs).	52,277
2 Value of Foregin Imports (Rs. in lakhs).	47,101

LABOUR AND EMPLOYMENT 1977—

1 Registered Trade Unions	2,550
2 Strikes and Lockouts	298
3 Employment Exchanges	30

BANKS AND INSURANCE—

(*a*) Bank offices 1977–78	2,552
(*b*) Insurance 1977–78—	
(i) Offices	63
(ii) Policies issued	155,927
(iii) Sum Assured (Rs. in crores) ..	152-22

STATE FINANCE B.E., 1978–79—

	(Rs. in lakhs.)
1 Revenue Receipts	68,008
2 Revenue Expenditure	72,676

SELECT ECONOMIC INDICATORS.

1. Population Growth.

Item.	1901	1911	1921	1931
(1)	(2)	(3)	(4)	(5)
Persons (in lakhs)	193	209	216	235
Decadal Variation (Per cent) ..	..	+ 8·57	+3·47	+ 11·91
Density per square kilometre.	148	161	166	180
Urban Population to total population (Per cent).	13·99	14·84	15·49	17·66
Index of population (1901=100),	100·0	108·6	112·3	121·9

1 POPULATON GROWTH—*cont*.

Item. (1)	1941 (6)	1951 (7)	1961 (8)	1971 (9)	1978 (10)
Persons (in lakhs)	263	301	337	412	455@
Decadal Variation (Per cent) ..	+ 14·66	+ 11·85	+11 ·85	+ 22·30	+ 10·43 since 1971
Density per square kilometre	202	232	259	317	350
Urban Population to total population (Per cent).	19·36	23·68	26·69	30·26	34·50
Index of population (1901=100)	136·4	156·4	156·4	175·0	237·0

@ Projected, provisional, revised on the Basis of R.Gs. Expert Committee Projections.

Source : Census of India.

2. Index Numbers of Agricultural Economy.

(Trienniumm ended 1969–70=100.)

Item.	1971–72	1972–73	1973–74	1974–75	1975–76	1976–77
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Index number of area under crops.	107·5	108·1	107·0	93·3	101·3	98·6 (P)
Index number of cropping pattern.	97·4	99·3	105·4	106·3	100·7	101·1 (P)
Index number of yield ..	117·9	117·1	122·2	104·4	136·7	126·6 (P)
Index number of agricultural production.	123·8	125·9	138·2	103·9	129·5	126·1 (P)
Index number of net area sown.	105·5	105·3	102·7	92·3	99·6	99·9 (P)
Index number of cropping intensity.	101·9	102·7	104·2	101·1	101·7	98·7 (P)
Index number of productivity per hectare.	117·3	119· 6	134·6	112·6	130·0	126·2 (P)

Source : Commissioner of Statistics, Madras.

3. INDEX NUMBER OF INDUSTRIAL PRODUCTION IN TAMIL NADU.

(Base : 1970=100.)

Item.	1972*	1973*	1974*	1975*	1976	1977(P)	1978@
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
General Index ..	121·7	117·0	128·1	128·0	137·6	141·0	153·7

@ Average for the first five months of 1978.

Source : Commissioner of Statistics, Madras.

4. Index numbers of Wholesale Prices in Tamil Nadu.

(21st August 1939=100.)

Group.	1972.	1973.	1974.	1975.	1976.	1977.	1978.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Food-grains ..	1,112	1,192	2,102	2,512	1,730	1,810	1604
Commercial Products.	1,498	2,017	2,265	2,391	2,463	2,752	2702
Composite Index	1,327	1,653	2,193	2,445	2,139	2,337	2217

Source : Commissioner of Statistics, Madras.

5. Consumer Price Index numbers for Industrial Workers.

(1960=100.)

Centre.	1972.	1973.	1974.	1975.	1976.	1977.	1978.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Madras City ..	197	221	281	325	283	306	316
2. Cuddalore ..	201	224	296	325	289	320	329
3. Tiruchirapalli	208	246	329	372	313	335	358
4. Madurai ..	201	226	306	352	296	328	335
5. Coimbatore ..	185	207	282	331	300	317	323
6. Nagercoil ..	219	255	339	390	330	344	363
7. Coonoor ..	193	214	307	314	295	312	321

Source : Commissioner of Statistics, Madras.

6. Index numbers of Parity.

(1954–55=100.)

Item.	1972.	1973.	1974.	1975.	1976.	1977.	1978.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Index number of prices received by the farmer.	237·5	278·5	440·1	501·0	378·1	410·5	363·2
Index number of prices paid by the farmer.	294·8	325·3	465·2	552·5	506·6	539·1	547·4
Index number of parity.	80·5	85·5	94·0	90·5	74·5	76·2	66·4

Source: Commissioner of Statistics, Madras.

7. Index Number of Total value of Foreign Imports and Exports

(1970–71=100.)

Item.	1971–72	1972–73	1973–74	1974–75	1975–76	1976–77
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Foreign imports	108	96	168	190	163	174 (P)
Foreign exports	108	151	181	181	270	313

Source : Commissioner of Statistics, Madras.

8. Index Numbers of Wages Paid to Certain Categories of Agricultural Labour.

(1960 = 100.)

Category of labourers.	1971.	1972.	1973.	1974.	1975.	1976.	1977.	1978.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Field Labour (Men) ..	218	230	240	322	405	384	395	417
Tending Cattle (Men) ..	176	187	198	239	344	336	333	327
Other Agricultural labourers (Men).	200	203	225	292	376	386	398	421

Source : Commissioner of Statistics, Madras.

9. Index Number of Employment.

(1960=100.)

Item.	1972.	1973.	1974.	1975.	1976.	1977.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Persons registered during the period.	201·3	221·3	206·8	194·6	196·1	197·1
Persons placed on employment during the period.	100·5	98·5	92·6	96·3	95·1	73·3
Persons on the live register at the end of the period.	370·9	460·2	485·1	569·4	647·5	719·0

Source : Commissioner of Statistics, Madras.

10. Index Number of Net State Domestic Product of Tamil Nadu by Industry of Origin [at Constant (1970-71) Prices].

(Base 1970–71 = 100.)

Industry.	1970–71	1971–72	1972–73	1973–74
(1)	(2)	(3)	(4)	(5)
1. Primary Sector	100	106·9	104·3	114·3
2. Secondary Sector	100	102·7	105·0	100·8
3. Transport, Communication and Trade.	100	105·2	107·7	114·2
4. Finance and Real Estate	100	109·9	116·0	116·1
5. Community and Personal Services.	100	100·9	102·3	110·0
6. Net State Domestic Product ..	100	105·1	105·6	110·5
7. Percapita Income	100	103·0	102·0	105·2

Industry.	1974–75	1975–76 *PR*	1976–77 *PRLY*	1977–78 *QE.*
(1)	(6)	(7)	(8)	(9)
1. Primary Sector	83·4	107·2	100·7	115·1
2. Secondary Sector	103·4	109·9	116·4	123·8
3. Transport, Communication and Trade.	98·6	113·9	114·7	127·8
4. Finance and Real Estate	116·0	127·0	143·3	153·6
5. Community and Personal Services.	115·0	118·3	122·6	128·2
6. Net State Domestic Product ..	96·0	111·2	111·7	123·0
7. Per Capita Income	90·1	102·9	101·8	110·4

Source : Commissioner of Statistics, Madras.

11. Index Number of Net State Domestic Product of Tamil Nadu by Industry of Origin (at Current Prices).

(Base 1970–71=100.)

Industry.	1970–71	1971–72	1972–73	1973–74
(1)	(2)	(3)	(4)	(5)
1. Primary Sector	100	118·3	120·2	153·9
2. Secondary Sector	100	108·9	119·5	134·8
3. Transport, Communication and Trade.	100	115·1	122·9	153·9
4. Finance and Real Estate	100	115·6	130·1	145·7
5. Community and Personal Services.	100	110·3	117·4	129·7
6. Net State Domestic Product ..	100	114·4	120·8	146·4
7. Per Capita Income	100	112·1	116·8	139·5

Industry.	1974–75	1975–76 *PR.*	1976–77 *PRLY.*	1977–78 *Q.E.*
(1)	(6)	(7)	(8)	(9)
1. Primary Sector	141·3	138·3	152·9	168·7
2. Secondary Sector	176.9	185·7	196·2	213·8
3. Transport, Communication and Trade.	165.4	172·2	187·8	210·8
4. Finance and Real Estate	165·9	198·9	218·2	240·2
5. Community and Personal Services.	145·5	152·8	164·2	177·1
6. Net State Domestic Product.. ..	156·7	161·5	175·2	192·9
7. Per Capita Income	146·9	149·4	159·7	**173·3**

Source : Commissioner of Statistics, Madras.

I . CLIMATE AND RAINFALL.

TABLE 1·1.

TEMPERATURE AT SELECT STATIONS—1977–78.

(IN CENTIGRADES.)

Month.	Mean maximum.		Mean minimum.		Mean.		Humidity.	
	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	8-30 hrs.	17-30 hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Madras—Meenambakkam.							
1977—								
June	37·3	37·2	27·6	27·2	32·5	32·2	60	58
July	35·2	35·6	26·3	27·0	30·8	31·3	56	61
August ..	34·5	33·8	25·8	25·3	30·2	29·6	76	67
September ..	33·9	34·3	25·4	25·7	29·7	30·0	73	64
October ..	31·8	32·8	24·4	24·1	28·1	28·5	81	71

November ..	29·2	29·3	22·5	23·7	25·9	26·5	87	80
December ..	28·2	28·8	21·0	21·1	24·6	25·0	80	66
1978—								
January ..	28·8	28·7	20·3	21·1	24·6	24·9	77	67
February ..	30·6	29·8	21·1	22·6	25·9	26·2	75	67
March ..	32·7	31·7	23·1	23·4	27·9	27·6	77	68
April	34·9	34·3	26·0	26·0	30·5	30·2	73	72
May	37·6	37·7	27·8	28·0	32·7	32·9	62	64

Madras—Nungambakkam.

1977—								
June	36·5	36.7	27.2	27.1	31.9	31·9	65	62
July	34.4	35·5	25.8	26.8	30·1	31.2	63	57
August ..	33.9	34.0	25.4	25.4	29.7	29.7	79	67
September ..	33.5	34·3	25.2	25.9	29.4	30.1	74	69

TEMPARATURE AT SELECT STATIONS —1977-78—*cont*.

(IN CENTIGRADES.)

Month.	*Mean Maximum.*		*Mean Minimum.*		*Mean.*		*Humidity.*	
	Normal.	*Actual.*	*Normal.*	*Actual.*	*Normal.*	*Actual.*	8-30 hrs.	17-30 hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Madras—Nungambakkam—cont.							
October ..	31.5	29.9	24.4	24.2	28.0	27.1	91	85
November ..	29.2	29.4	22.7	22.7	26.0	26.6	86	78
December ..	28.2	28.7	21.4	21.4	24.8	25.1	78	66
1978—								
January ..	28.3	28.9	20.8	20.8	24.6	24.4	80	58

February ..	29·7	30·3	20·8	21·9	25·3	26·1	81	63
March ..	31·7	32·6	22·9	23·8	27·3	28·2	77	63
April	33·3	35·1	25·8	26·4	29·6	30·8	70	68
May	35·6	37·2	27·4	27·6	31·5	32·4	64	62

Kodaikanal.

1977—								
June	18·5	19·5	12·2	12·3	15·4	15·9	77	88
July	17·1	18·9	11·5	11·8	14·3	15·4	80	86
August ..	17·5	19·4	11·5	11·7	14·5	15·6	75	83
September ..	17·7	19·0	11·3	11·4	14·5	15·2	80	86
October ..	17·0	16·7	10·9	11·2	14·0	14·0	90	94
November ..	16·1	16·0	9·8	9·9	13·0	13·0	91	93
December ..	16·4	17·4	8·6	8·4	12·5	12·9	56	69

TEMPARATURE AT SELECT STATIONS—1977–78—*cont.*

(IM CENTIGRADES.)

Month.	Mean Maximum.		Mean Minimum.		Mean.		Humidity.	
	Normal.	*Actual.*	*Normal.*	*Actual.*	*Normal.*	*Actual.*	8-30 hrs.	17-30 hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kodaikanal—cont.								
1978—								
January ..	17·0	17·1	8·0	7·6	12·5	12·4	47	67
February ..	17·9	18·7	8·7	9·2	13·3	14·0	48	72
March ..	19·2	20·5	10·0	10·7	14·6	15·6	42	77
April	19·8	20·4	11·6	12·1	15·7	16·3	60	80
May .. .	20·4	21·1	12·7	12·7	16·6	16·9	65	84

			Madurai.					
1977—								
June	36·2	36·4	25·5	26·5	30·9	31·5	56	46
July	34·9	35·1	25·4	25·0	30·2	30·1	65	53
August ..	35·6	35·1	25·3	25·0	30·5	30·1	68	56
September ..	34·8	35·1	24·6	24·7	29·7	29·9	66	60
October ..	32·9	30·7	23·8	23·4	28·4	27·1	84	79
November ..	29·8	29·9	22·5	23·0	26·2	26·5	84	77
December ..	29.6	29.5	21·3	20·7	25·5	25·1	74	61
1978—								
January ..	30·3	31·5	20·7	20·1	25·5	25·8	76	49
February ..	32·1	32·5	22·1	21·9	26·6	27·2	77	45
March ..	35·0	35·0	22·0	23·8	28·8	29·4	75	43
April ..	35·7	37·5	25·0	25·5	30·4	31·5	69	43
May	36·3	37·4	25·8	26·4	31·1	31·9	63	49

TEMPARATURE AT SELECT STATIONS—1977-78—*cont.*

(in centigrades.)

Month.	*Mean Maximum.*		*Mean Minimum.*		*Mean.*		*Humidity.*
	Normal.	*Actual.*	*Normal.*	*Actual.*	*Normal.*	*Actual.*	8·30 hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Coonoor.				
1977—							
June	22·3	23·0	15·2	15·3	18·8	19·2	64
July	21·2	21·9	15·1	15·4	18·2	18·7	67
August	21·5	22·3	14·6	15·1	18·1	18·7	68
September	21·4	22·3	13·8	11·7	17·6	17·0	66
October	20·7	20·1	13·4	13·2	17·1	16·7	85

November	19·3	18·9	11·7	13·2	15·5	16·1	86
December	18·8	19·9	9·4	8·2	14·1	14·1	59
1978—							
January	18·8	18·3	8·5	8·3	13·7	13·3	61
February	20·8	20·7	9·6	10·7	15·2	15·7	68
March	22·7	23·6	11·3	12·2	17·0	17·9	66
April	23·5	24·9	13·8	13·9	18·7	19·4	56
May	24·2	24·8	15·0	14·9	19·6	19·9	59

Coimbatore (Town).

1977—							
June	30·5	31·7	22·5	23·0	26·5	27·4	80
July	29·0	30·5	22·0	22·1	25·5	26·3	86
August	29·9	31·7	22·1	22·6	26·0	27·2	84

TEMPRATURE AT SELECT STATIONS—1977-78—*cont.*

(in centigrades.)

Month.	*Mean Maximum.*		*Mean Minimum.*		*Mean.*		*Humidity.*
	Normal.	*Actual.*	*Normal.*	*Actual.*	*Normal.*	*Actual.*	8·30 hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Coimbatore (Town)—cont.				
1977—							
September	30·7	33·0	22·0	22·4	26·4	27·7	82
October	30·4	30·7	22·0	22·1	26·2	26·4	92
November ..	29·3	30·1	21·1	21·9	25·2	26·0	90
December	28·9	28·6	19·6	19·3	24·3	24·0	84

1978 –								
January	..	..	29·7	31·5	19·2	20·6	24·5	26·1	81
February	..	..	32·2	32·4	20·2	20·8	26·2	26·6	82
March	..	..	34·7	35·3	22·1	22·6	28·4	29·0	78
April	..	..	34·6	36·8	23·4	23·5	29·0	30·2	88
May	..	..	33·5	34·5	23·6	23·3	28·6	28·9	84

Source : Regional Meteorological Centre, Madras.

TABLE 1·2.

DISTRIBUTION OF DISTRICTS BY RANGE OF RAINFALL—1977–78.

Range of rainfall. (1)	*Normal rainfall.* (2)	*Actual rainfall* 1977–78. (3)
1. Below 800 mm ..	Coimbatore ..	....
2. 801 mm to 1000 mm ..	North Arcot, Salem, Dharmapuri, Pudukkottai, Tiruchirapalli, Madurai, Tirunelveli and Ramanathapuram.	Dharmapuri, Coimbatore, Pudukkottai and Tirunelveli.
3. 1001 mm to 1200 mm	South Arcot and Thanjavur	Salem, Madurai and Ramanathapuram.
4. 1201 mm to 1400 mm	Madras and Chengalpattu	North Arcot, Thanjavur and Kanniyakumari.

5. 1401 mm to 1800 mm	Kanniyakumari ..	Madras, Chengalpattu, South Arcot and Tiruchirappalli.
6. 1801 mm and above ..	The Nilgiris ..	The Nilgiris.

Source : Commissioner of Statistics, Madras.

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TABLE 1·3.

RAINFALL BY SEASONS.

Seasosn.	*Normal.*	1976–77 *Actual.*	1977–78 *Actual.*
(1)	(2)	(3)	(4)
South–West Monsoon	307·3	314·2	332·7
North–East Monsoon	449·7	440·4	716·3(P)
Winter	50·9	24·7	11·7
Hot-weather	137·8	162·1	94·5 (P)
Total ..	945·7	941·4	1,155·2 (P)

Source : Commissioner of Statistics, Madras.

TABLE 1·4.

RAINFALL BY DISTRICTS.

(in millimetres)

District.	*Normal rainfall.*	*Actual rainfall.*	
		1976–77	1977–78
(1)	(2)	(3)	(4)
Madras	1,285·6	1,810·5	1,574·5
Chengalpattu	1,211·0	1,694·5	1,634·6
South Arcot	1,188·9	1,087·4 (P)	1,466·5
North Arcot	971.1	1,166·6	1,283·8
Salem	842·4	680·6	1,033·8
Dharmapuri	844·3	722·9	893·2

RAINFALL BY DISTRICTS—*cont.*

(in millimetres.)

District.	*Normal rainfall.*	*Actual Rainfall.* 1976–77	*Actual Rainfall.* 1977–78
(1)	(2)	(3)	(4)
Coimbatore	718·4	650·9	926·1
Tiruchirapalli	867·8	771·0	1,732·2
Pudukkottai	922·8	953·2	936·8
Thanjavur	1,168·1	1,291·5	1,383·8
Madurai	854·8	834·6	1,148·1
Ramanathapuram	839·5	752·0	1,010·6
Tirunelveli	814·8	831·1	959·6(P)

The Nilgiris	1,920·8	1,707·0	1,960·5
Kanniyakumari	1,469·7	1,403·8	1,311·0
STATE ..	945·7	941·5	1,155·2

Source : Commissioner of Statistics, Madras.

II STATE INCOME

TABLE 2·1.

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CURRENT PRICES.

(RUPEES IN LAKHS.)

Industry.	1970–71	1971–72	1972–73	1973–74
(1)	(2)	(3)	(4)	(5)
1 Agriculture	94,983	1,12,483	1,14,230	1,46,756
2 Forestry and Logging ..	816	1,066	903	1,084
3 Fishing	1,955	2,133	2,527	2,933
4 Mining and Quarrying ..	1,286	1,452	1,399	1,630
Sub-Total—Primary ..	99,040	1,17,134	1,19,059	1,52,403

5·1 Manufacturing (Registered).	26,462	27,674	31,236	38,840
5·2 Manufacturing (Unregistered).	19,409	21,762	23,277	23,668
6 Constructions	12,315	14,232	15,074	15,745
7 Electricity, Gas and Water Supply.	3,749	3,785	4,426	5,247
Sub-Total—Secondary ..	61,935	67,453	74,013	83,500
8·1 Railways	2,908	3,004	2,986	2,619
8·2 Transport by other means and storage.	7,832	9,590	10,865	14,911
8·3 Communication ..	2,531	2,644	2,632	3,358
9 Trade, Hotels and Restaurants.	32,969	37,980	40,324	50,268
Sub-Total ..	46,230	55,218	56,807	71,15

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CURRENT PRICES—*cont*.

(RUPEES IN LAKHS.)

Indnstry. (1)	1970–71 (2)	1971–72 (3)	1972–73 (4)	1973–74 (5)
10 Banking and Insurance ..	5,068	6,439	7,493	8,807
11 Real Estate and ownership of dwellings.	8,003	8,674	9,518	10,236
Sub-Total ..	13,071	15,113	17,011	19,043
12 Public Administration ..	7,937	9,324	9,944	11,753
13 Other Services	13,859	14,724	15,647	16,520
Sub-Total ..	21,796	24,048	25,591	28,273

14 Net State Domestic product at factor cost.	2,42,072	2,76,966	2,92,481	3,54,375
Estimated Population (in lakhs).	407	415	421	427
Per Capita (in Rs.) ..	594·77	667·39	694·73	829·92

Industry.	1974–75.	1975–76 *PR.*	1976–77 *PRLY.*	1977–78 *Q.E.*
(1)	(6)	(7)	(8)	(9)
1 Agriculture	1,33,470	1,30,189	1,43,802	1,58,424
2 Forestry and Logging ..	1,483	1,265	1,719	2,631
3 Fishing	2,932	3,105	3,415	3,539
4 Mining and Quarrying ..	2,064	2,447	2,514	2,516
Sub-Total Primary ..	1,39,949	1,37,006	1,51,450	1,67,110

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CURRENT PRICES—*cont.*

(RUPEES IN LAKHS.)

Industry. (1)	1974–75. (6)	1975–76 *PR.* (7)	1976–77 *PRLY.* (8)	1977–78 *Q.E.* (9)
5·1 Manufacturing (Registered).	53,613	52,104	57,292	63,406
5·2 Manufacturing (Unregistered).	30,887	33,309	33,644	36,415
6 Constructions	18,901	22,647	23,402	24,469
7 Electricity, Gas and Water Supply.	6,135	6,976	7,203	8,129
Sub-Total—Secondary ..	1,09,536	1,15,036	1,21,541	1,32,419

8·1 Railways ..	3,499	4,439	5,343	6,431
8·2 Transport by other means and storage.	16,211	17,086	17,969	20,810
8·3 Communication ..	3,645	4,148	4,720	5,371
9 Trade, Hotels and Restaurants.	53,093	53,950	58,777	64,863
Sub Total ..	76,448	79,623	86,809	97,475
10 Banking and Insurance ..	11,360	14,865	16,372	18,032
11 Real Estate and ownership of dwellings.	10,331	11,132	12,153	13,364
Sub Total ..	21,691	25,997	28,525	31,396
12 Public Administration ..	13,182	13,955	15,453	17,262
13 Other Services	18,537	19,349	20,338	21,328
Sub Total	31,719	33,304	35,791	38,590

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CURRENT PRICES—*cont*.

(RUPEES IN LAKHS.)

Industry.	1974–75.	1975–76 *PR.*	1976–77 *PRLY.*	1977–78 *Q.E.*
(1)	(6)	(7)	(8)	(9)
14 Net State Domestic Product at factor cost.	3,79,343	3,90,966	4,24,116	4,66,990
Estimated Population (in lakhs).	434	440	446	453
Per Capita (in Rs.) ..	874·06	888·56	950·09	1030·88

Source : Commissioner of Statistics, Madras.

TABLE 2·2.

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN—AT CONSTANT (1970–71) PRICES.

(RS. IN LAKHS.)

Serial number and Industry.	1970–71.	1971–72.	1972–73.	1973–74.
(1)	(2)	(3)	(4)	(5)
1 Agriculture	94,983	101,524	99,222	1,08,643
2 Forestry and Logging ..	816	843	678	691
3 Fishing	1,955	2,125	2,331	2,560
4 Mining and Quarrying ..	1,286	1,427	1,111	1,262
Sub Total: Primary.	99,040	1,05,919	1,03,342	1,13,156

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CONSTANT (1970–71) PRICES—*cont.*

(RS. IN LAKHS.)

Serial number and Industry.	1970–71.	1971–72.	1972–73.	1973–74.
(1)	(2)	(3)	(4)	(5)
5·1 Manufacturing (Registered)	26,462	27,573	29,135	29,690
5·2 Manufacturing (Un-registered).	19,409	19,001	18,924	16,866
6 Construction	12,315	13,099	13,077	11,984
7 Electricity, Gas and Water Supply.	3,749	3,954	3,909	3,862
Sub Total Secondary.	61,935	63,627	65,045	62,402

8·1 Railways	2,908	2,917	2,950	2,714
8·2 Transport by other means and storage.	7,832	7,847	8,655	8,937
8·3 Communication	2,521	2,513	2,516	3,016
9 Trade, Hotels and Restaurants.	32,969	35,353	35,676	38,135
Sub Total	46,230	48,630	49,797	52,802
10 Banking and Insurance ..	5,068	6,069	6,566	6,236
11 Real Estate and Ownership of dwellings.	8,003	8,290	8,602	8,937
Sub Total	13,071	14,359	15,168	15,173
12 Public Administration ..	7,937	7,994	8,180	9,522
13 Other Services	13,859	14,009	14,127	14,455
Sub Total	21,796	22,003	22,307	23,977
14 NSDP AT FACTOR COST	2,42,072	254,538	255,659	2,67,510
Estimated Population (in lakhs)	407	415	421	427
Per Capita (in Rs.) ..	594·77	613·34	607·27	626·49

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CONSTANT (1970–71) PRICES—*cont*.

(RS. IN LAKHS)

Serial number and Industry.	1974–75	1975–76 *PR.*	1976–77 *PRLY*	1977–78 *QE.*
(1)	(6)	(7)	(8)	(9)
1 Agriculture	78,410	1,01,667	94,764	1,09,063
2 Forestry and Logging ..	634	690	652	688
3 Fishing	2,438	2,594	2,811	2,874
4 Mining and Quarrying ..	1,151	1,228	1,482	1,393
Sub Total: Primary ..	82,633	1,06,179	99,709	1,14,018
5·1 Manufacturing (Registered)	29,902	30,722	34,057	36,094
5·2 Manufacturing (Unregistered .	17,546	18,943	19,040	20,321

6 Construction	12,533	13,801	14,261	14,911
7 Electricity, Gas and Water-supply.	4,061	4,602	4,752	5,364
Sub Total: Secondary ..	64,042	68,068	72,110	76,690
8·1 Railways	3,026	3,557	3,817	4,596
8·2 Transport by other means and storage.	8,300	8,955	9,129	9,746
8·3 Communication	2,997	3,192	3,400	3,621
9 Trade, Hotels and Restaurants.	31,265	36,968	36,701	41,135
Sub Total	45,588	52,472	53,047	59,098
10 Banking and Insurance ..	5,857	6,892	8,609	9,482
11 Real Estate and Ownership of dwellings.	9,307	9,703	10,127	10,589
Sub-Total	15,164	16,595	18,736	20,071

NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN AT CONSTANT (1970–71) PRICE—*cont.*

(RS. IN LAKHS)

Serial number and Industry. (1)	1974–75 (6)	1975–76 *PR* (7)	1976–77 *PRLY* (8)	1977–78 *QE* (9)
12 Public Administration . .	10,018	10,515	11,636	12,990
13 Other Services	15,045	15,271	15,082	14,959
Sub Total	25,063	25,786	26,718	27,949
14 NSDP AT FACTOR COST	2,32,490	2,69,100	2,70,320	2,97,826
Estimated Population (in lakhs)	434	440	446	453
Per Capita (in Rs.) . .	535·69	661·59	606·10	657·45

Source : Commissioner of Statistics, Madras.

III. AREA AND POPULATION.

TABLE 3·1.

AREA BY DISTRICT.

(IN sq. km.)

District/State. (1)	Rural. (2)	Urban. (3)	Total. (4)
Tamil Nadu	1,24,175·5	5,893·5	1,30,069·0
Madras	..	128·0	128·0
Chengalpattu	7,279·0	641·0	7,920·0
North Arcot	12,026·6	238·4	12,265·0
South Arcot	10,659·6	238·4	10,898·0
Dharmapuri	9,575·0	67·6	9,643·0
Salem	8,291·9	351·1	8,643·0

AREA BY DISTRICT—*cont.*

District/State. (1)	*Rural.* (2)	*Urban.* (3)	*Total.* (4)
Coimbatore	14,733·8	939·2	15,673·0
Nilgiris	1,642·5	906·5	2,549·0
Madurai	12,168·0	461·0	12,629·0
Tiruchirapalli	13,897·5	393·5	14,291·0
Thanjavur	9,409·4	325·6	9,735·0
Ramanathapuram	12,176·9	401·1	12,578.0
Tirunelveli	10,673·7	759·3	11,433·0
Kanniyakumari	1,641·2	42·8	1,684·0

(*Source* : Census of India, 1971.)

TABLE 3·2.

POPULATION BY DISTRICTS—1971.

District/State. (1)		*Persons.* (2)	*Males.* (3)	*Females.* (4)
Tamil Nadu ..	Total ..	41,199,168	20,828,021	20,371,147
	Rural ..	28,734,334	14,438,727	14,295,607
	Urban ..	12,464,834	6,389,294	6,075,540
Madras	Total ..	2,469,449	1,297,195	1,172,254
	Rural ..	..	..	..
	Urban ..	2,469,449	1,297,195	1,172,254
Chengalpattu	Total ..	2,907,599	1,492,978	1,414,621
	Rural ..	1,896,909	965,590	931,319
	Urban ..	1,010,690	527,388	483,302

POPULATION BY DISTRICT—1971—*cont.*

District/State. (1)		*Persons.* (2)	*Males.* (3)	*Females.* (4)
North Arcot	Total ..	3,755,797	1,905,360	1,850,437
	Rural ..	2,972,702	1,507,606	1,465,096
	Urban ..	783,095	397,754	385,341
South Arcot	Total ..	3,617,723	1,836,950	1,780,773
	Rural ..	3,104,726	1,574,348	1,530,378
	Urban ..	512,997	262,602	250,395
Dharmapuri	Total ..	1,677,775	852,274	825,501
	Rural ..	1,533,834	778,537	755,297
	Urban ..	143,941	73,737	70,204

Salem	Total ..	2,992,616	1,524,329	1,468,287
	Rural ..	2,197,234	1,117,170	1,080,064
	Urban ..	795,382	407,159	388,223
Coimbatore	Total ..	4,373,178	2,235,039	2,138,139
	Rural ..	2,816,936	1,427,227	1,389,709
	Urban ..	1,556,242	807,812	748,430
Nilgiris	Total ..	494,015	254,120	239,895
	Rural ..	250,780	127,912	122,868
	Urban ..	243,235	126,208	117,027
Madurai	Total ..	3,938,197	1,982,905	1,955,292
	Rural ..	2,614,003	1,308,624	1,305,379
	Urban ..	1,324,194	674,281	649,913

POPULATION BY DISTRICT-1971—*cont.*

District/State. (1)		*Persons.* (2)	*Males.* (3)	*Females.* (4)
Tiruchirapalli	Total ..	3,848,816	1,932,551	1,916,265
	Rural ..	2,991,808	1,495,802	1,496,006
	Urban	857,008	436,749	420,259
Thanjavur	Total ..	3,840,732	1,926,043	1,914,689
	Rural ..	3,052,694	1,530,592	1,522,102
	Urban ..	788,038	395,451	392,587
Ramanathapuram ..	Total ..	2,860,207	1,400,835	1,459,372
	Rural ..	2,113,545	1,029,578	1,083,967
	Urban ..	746,662	371,257	375,405

Tirunelveli	Total ..	3,200,515	1,567,558	1,632,957
	Rural ...	2,171,019	1,058,577	1,112,442
	Urban ...	1,029,496	508,981	520,515
Kanniyakumari ..	Total ..	1,222,549	619,884	602,665
	Rural ...	1,018,144	517,164	500,980
	Urban ..	204,405	102,720	101,685

(*Source* : Census of India, 1971.)

TABLE 3.3.

LITERATE AND EDUCATED PERSONS.

District/State. (1)		*Persons.* (2)	*Males.* (3)	*Females.* (4)
Tamil Nadu	Total ..	16,256,393	10,783,783	5,472,610
	Rural ..	9,231,587	6,518,218	2,713,369
	Urban ..	7,024,806	4,265,565	2,759,241
Madras	Total ..	1,531,406	915,488	615,918
	Rural ..	..	..	..
	Urban ..	1,531,406	915,488	615,918
Chengalpattu	Total ..	1,155,136	772,791	382,345
	Rural ..	595,237	423,471	171,766
	Urban ..	559,899	349,320	210,579

North Arcot	Total ..	1,301,921	906,028	395,893
	Rural ..	888,272	652,268	236,004
	Urban ..	413,649	253,760	159,889
South Arcot	Total ..	1,126,397	809,388	317,009
	Rural ..	848,178	638,926	209,252
	Urban ..	278,219	170,462	107,757
Dharmapuri	Total ..	374,453	269,841	104,612
	Rural ..	302,233	225,229	77,004
	Urban ..	72,220	44,612	27,608
Salem	Total ..	949,002	650,511	298,491
	Rural ..	564,126	410,167	153,959
	Urban ..	384,876	240,344	144,532

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District/State. (1)		*Persons.* (2)	*Males.* (3)	*Females.* (4)
Coimbatore	Total	1,701,088	1,147,232	558,856
	Rural	863,706	622,647	241,059
	Urban	837,382	524,585	312,797
Nilgiris	Total	232,342	148,613	83,729
	Rural	103,492	69,114	34,378
	Urban	128,850	79,499	49,351
Madurai	Total	1,634,860	1,091,901	542,959
	Rural	874,893	630,648	244,245
	Urban	759,967	461,253	298,714

Tiruchirapalli	Total ..	1,443,554	989,802	453,752
	Rural ..	930,534	683,987	246,547
	Urban ..	513,020	305,815	207,205
Thanjavur	Total ..	1,523,120	1,022,678	500,442
	Rural ..	1,091,375	763,084	328,291
	Urban ..	431,745	259,594	172,151
Ramanathapuram ..	Total ..	1,136,629	766,476	370,153
	Rural ..	721,954	514,454	207,500
	Urban ..	414,675	252,022	162,653
Tirunelveli	Total ..	1,434,809	895,531	839,228
	Rural ..	871,104	560,387	310,717
	Urban ..	563,705	335,194	228,511

LITERATE AND EDUCATED PERSONS—*cont*.

District/State. (1)		*Persons.* (2)	*Males.* (3)	*Females.* (4)
Kanniyakumari ..	Total ..	711,676	397,453	314,223
	Rural ..	576,483	323,836	252,647
	Urban ..	135,193	73,617	61,576

(*Source* : Census of India 1971.)

TABLE 3·4.

POPULATION BY BROAD INDUSTRIAL CATEGORIES OF WORKERS—1971.

Industrial category.	*Persons in Tamil Nadu.*	*Percentage to total workers in.*	
		Tamil Nadu.	*All India.*
(1)	(2)	(3)	(4)
Workers—			
1 Cultivators	46,07,787	31·26	43·34
2 Agricultural labourers	44,90,065	30·46	26·33
3 Livestock, Forestry Fishing, Hunting and Plantations.	4,03,295	2·74	2·38
4 Mining and Quarrying	50,654	0·33	0·51
5 Manufacturing, Processing, Servicing and repairs.			
a. Household industry	6,69,913	4·54	3·52
b. Other than household industry ..	13,02,424	8·83	5·94

POPULATION BY BROAD INDUSTRIAL CATEGORIES OF WORKERS—1971—*cont.*

Industrial category.	*Persons in Tamil Nadu.*	*Percentage to total workers in.*	
		Tamil Nadu.	*All India.*
(1)	(2)	(3)	(4)
6 Construction	2,34,235	1·59	1·23
7 Trade and Commerce	11,54,222	7·83	5·57
8 Transport, storage and communication.	4,65,657	3·16	2·44
9 Other Services	13,63,715	9·25	8·74
Total workers	1,47,41,967	100·00	100·00
Percentage of workers to total population.	..	35·78	32·92
Non-workers	2,64,57,201	64·12	67·08
Total population	4,11,99,168	100·00	100·00

Source : Census of India 1971.

TABLE 3·5.

POPULATION BY RELIGION—1971.

Religion. (1)	Persons in Tamil Nadu. (2)	Variation since 1961. (3)	Percentage in Tamil Nadu. (4)	Percentage in All India. (5)
		PER CENT.		
Hindus	3,66,74,150	21·05	89·02	82·72
Muslims	21,03,899	34·83	5·11	11·21
Christians	23,67,749	34·31	5·75	2·60
Sikhs	4,355	69·65	0·01	1·89
Buddhists	1,148	47·75	N	0·70
Jains	41,097	44·96	0·10	0·47
Other Religions	6,080	—82·49	0·01	0·40
Religion not stated	690	1,468·18	N	0·01

Source : Census of India 1971.

TABLE 3·6.

POPULATION BY MOTHER TONGUE—1971.

Mother tongue.	*Persons in Tamil Nadu.*		*Percentage variation since* 1961.	*Percentage in.*	
	1971	1961		*Tamil Nadu.*	*All India.*
(1)	(2)	(3)	(4)	(5)	(6)
All languages ..	4,11,99,168	3.36,86,953			
Assames ..	134	70	91·43	N	1·63
Bengali	3,615	2,498	44·72	0·01	8·17
Gujarati ..	1,99,045	17,929	1.010·18	0·48	4·72
Hindi	77,445	38,974	98·70	0·19	38·04
Kanada ..	10,56,512	8,53,211	23·82	2·56	3·96
Kashmiri ..	94	89	5·61	N	0·46

Malayalam ..	5,59,186	3,99,206	40·07	1·36	4·00
Marathi ..	59,965	51,431	16·59	0·15	7·62
Oriya ..	422	399	5·76	N	3·62
Punjabi ..	50·18	3,473	44·49	0·01	2·57
Sanskrit ..	254	117	117·09	N	N
Sindhi ..	8,353	7,148	16·86	0·02	0·31
Tamil ..	3,48,17,421	28,011,099	24·30	84·51	6·88
Telugu ..	36,00,078	33,63.579	7·03	8·74	8·17
Urdu ..	7,59,607	6,15,503	23·41	1·84	5·22
Others ..	52,019	3,22,227	..	0·13	4·63

Source: Census of India, 1971.

TABLE 3·7

POPULATION BY AGE GROUPS.

Age Group.	Persons in Tamil Nadu.	Percentage to total in Tamil Nadu.	Percentage to total in All India.
(1)	(2)	(3)	(4)
Total	41,199,168	100·00	100·00
0—14	15,562,040	37·77	42·02
15—19	3,593,957	8·72	8·66
20—24	3,533.028	8·57	7·85
25—29	3,353,596	8·14	7·45
30—39	5,613,646	13·63	12·60
40—49	4,328,248	10·51	9·34

50—59	2,845,859	6·91	6·09
60 + ...	2,365,490	5·74	5·97
Age not stated	3,304	0·01	0·02

Source: Census of India 1971.

TABLE 3·8

SCHEDULED CASTES AND SCHEDULED TRIBES, 1971.

District/State.		*Scheduled castes.*	*Scheduled Tribes.*	*Total.*
(1)		(2)	(3)	(4)
Tamil Nadu	Total	7,315,595	311,515	7,627,110
	Rural	60,50,302	294,379	6,344,681
	Urban	1,265,293	17,136	1,282,429
Madras	Total } Urban }	259,119	928	260,047
Chengalpattu	Total	763,991	27,189	791,180
	Rural	612,149	23,354	635,503
	Urban	151,842	3,835	155,677

North Arcot ..	Total	725,885	70,727	796,612
	Rural	628,430	69,382	697,812
	Urban	97,455	1,345	98,800
South Arcot	Total	937,894	14,105	951,999
	Rural	879,911	13.832	893,743
	Urban	57,983	273	58,256
Dharmapuri ..	Total	227,825	30,123	257,948
	Rural	216,708	29,524	246,232
	Urban	11,117	599	11,716
Salem	Total	480,317	94,383	574,700
	Rural	405,332	94,061	499,393
	Urban	74.985	322	75,307

SCHEDULED CASTES AND SCHEDULED TRIBES, 1971—*cont.*

District/State. (1)		*Scheduled castes.* (2)	*Scheduled Tribes.* (3)	*Total.* (4)
Coimbatore	Total	688,271	26,021	714,292
	Rural	497,322	25,058	522,380
	Urban	190,949	963	191,912
Nilgiris	Total	92,694	19,869	112,563
	Rural	45,618	13,904	59,522
	Urban	47,076	5,965	53,041
Madurai	Total	587,874	6,707	594,581
	Rural	499,534	5,628	505,162

	Urban	88,340	1,079	89,419
Tiruchirappalli ..	Total	690,641	14,907	705,548
	Rural	617,806	14,826	632,632
	Urban	72,835	81	72,916
Thanjavur	Total	848,976	1,024	850,000
	Rural	792,797	721	793,518
	Urban	56,179	303	56,482
Ramanathapuram ..	Total	459,616	1,056	460,672
	Rural	406,196	492	406,688
	Urban	53,420	564	53,984
Triunelveli	Total	504,956	1,614	506,570
	Rural	407,679	796	408,475
	Urban	97,277	818	98,095

SCHEDULED CASTES AND SCHEDULED TRIBES, 1971—*cont.*

District/State.		*Scheduled castes.*	*Scheduled Tribes.*	*Total.*
(1)		(2)	(3)	(4)
Kanniyakumari ..	Total	47,536	2,862	50,398
	Rural	40,820	2,801	43,621
	Urban	6,716	61	6,777

Source: Census of India, 1971.

TABLE 3·9

SALIENT FEATURES OF CENSUS, 1971.

District/State.	*Density per square kilometre.*	*Females per 1,000 males.*	*Increase in population Since 1961 (per cent).*	*Urban population (per cent).*
(1)	(2)	(3)	(4)	(5)
Madras	19,293	904	42·81	100·00
Chengalpattu	367	948	32·38	34·76
North Arcot	306	971	19·37	20·85
South Arcot	332	969	18·69	14·18
Dharmapuri	174	969	25·94	8·58
Salem	346	964	21·07	26·58

SALIENT FEATURES OF CENSUS, 1971—*cont.*

District/State.	*Density per square kilometre.*	*Females per 1,000 males,*	*Increase in population Since 1961 (per cent)*	*Urban population (per cent).*
1	2	3	4	5
Coimbatore	279	957	22·93	35·59
Nilgiris	194	944	20·70	49·24
Madurai	312	986	22·64	33·62
Tiruchirappalli	269	992	20·65	22·27
Thanjavur	395	994	18·32	20·52
Ramanathapuram	227	1,042	18·10	26·11

Tirunelveli	280	1,042	17·22	32·17
Kanniyakumari	726	972	22·63	16·20
Tamil Nadu	317	987	22·30	30·25

Source : Census of India, 1971.

SALIENT FEATURES OF CENSUS, 1971—*cont.*

District/State.	*Literacy.*	*Urban area.*	*Scheduled Caste.*	*Scheduled Tribes.*	*Scheduled castes and Scheduled Tribe.*
(1)	(6)	(7)	(8)	(9)	(10)
			(PER CENT)		
Madras	62·01	100	10·5	0·04	10·54
Chengalpattu	39·73	8·09	26·3	0·94	27·24
North Arcot	34·66	1·94	19·3	1·88	21·18
South Arcot	31·14	2·19	25·9	0·39	26·29
Dharmapuri	22·32	0·70	13·6	1·79	15·39
Salem	31·71	4·10	16·1	3·15	19·25

Coimbatore	38·90	5·99	15·7	0·60	16.30
Nilgiris	47·03	35·56	18·8	4·02	22·82
Madurai	41·51	3·70	14·9	0.17	15·07
Tiruchirapalli	37·51	2·80	17·9	0·20	18·10
Thanjavur	39·66	3·34	22·1	0·03	22·13
Ramanathapuram	39·74	3·19	16·1	0·04	16·14
Tirunelveli	44·83	6·64	15·8	0·05	15·85
Kanniyakuamari	58·21	2·54	3·9	0·23	4·13
Tamil Nadu	39·46	4·53	17·8	0·74	18·54

Source: Census of India 1971.

IV AGRICULTURE.

TABLE 4·1

SOIL CLASSIFICATION

Type of Soil. (1)	*Places in Tamil Nadu.* (2)
I. Red Loam..	Parts of Chengalpattu, South Arcot, North Arcot, Salem, Dharmapuri, Coimbatore, Tiruchirapalli, Thanjavur, Pudukkottai, Ramanathapuram, Madurai, Tirunelveli and The Nilgiris.
II. Lateritic Soil	Parts of The Nilgiris district.
III. Black Soil	Parts of Chengalpattu, South Arcot, North Arcot, Salem, Dharmapuri. Coimbatore, Ramanathapuram, Madurai, Tirunelveli and The Nilgiris.

IV. Sandy Coastal Alluviam ..	On the coasts in the districts of Ramanathapuram, Thanjavur, South Arcot Chengalpattu and Kanniyakumari districts.
V. Red Sandy Soil	Small patches in the districts of Coimbatore and The Nilgiris.

Source: Commissioner of Statistics, Madras-6.

TABLE 4·2

LAND UTILISATION.

According to the Village papers.

Classification.	1973–74.	1974–75.	1975–76.	1976–77.
(1)	(2)	(3)	(4)	(5)
		(' 000 ' hectares)		
A. Total Geographical area	1,30,08	1,30,32	1,29,99	1,29,86
B. 1. Forests	20,08	19,66	19,72	20,01
2. Barren and uncultivable lands ..	7,94	7,02	6,64	6,24
3. Land put to non-agricultural uses	15,24	16,04	16,60	16,42
4. Cultivable waste	4,47	4,37	3,85	3,79
5. Permanent pastures and other grazing lands.	2,29	2,08	1,84	1,79

6. Land under Misc. tree crops and groves not included in the net area sown.	2,40	2,32	2,07	1,93
7. Current fallow	10,04	17,31	14,16	14,14
8. Other fallow lands	5,88	5,99	5,22	5,49
9. Net area sown	61,75	55,53	59,89	60,07
C. Area sown more than once	14,74	10,86	12,46	11,40
D. Total cropped area	76,49	66,40	72,35	71,47

Source.—Commissioner of Statistics, Madras,

TABLE 4·3.

CROPPING PATTERN.

Crops.	Area			
	1973–74.	1974–75.	1975–76.	1976–77.
(1)	(2)	(3)	(4)	(5)
	('000' hectares.)			
1. (Rice) Paddy	2,704	2,238	2,564	2,284
2 Cholam	641	675	817	842
3. Cumbu	401	373	450	456
4. Ragi	263	283	320	290
5. Other cereals and Millets ..	393	371	446	489
6. Pulses	663	464	471	545

7. Other food crops	616	547	554	589
8. Total food crops	5,682	4,951	5,622	5,495
9. Total non-food crops	1,967	1,688	1,613	1,652

CROPPING PATTERN—*cont.*

Crops.	*Percentage to gross area sown under all crops.*			
	1973–74.	1974–75.	1975–76.	1976–77.
(1)	(6)	(7)	(8)	(9)
1. (Rice) Paddy	35·3	33·7	35·4	32·0
2. Cholam	8·4	10·2	11·2	11·8
3. Cumbu	5·2	5·6	6·2	6·4
4. Ragi	3·4	4·3	4·4	6·7
5. Other cereals and Millets ..	5·2	5·6	6·3	6·8
6. Pulses	8·7	7·0	6·5	7·6

7. Other food crops	8·1	8·2	7·7	8·2
8. Total food crops	74·3	74·6	77·7	76·9
9. Total non-food crops	25·7	25·4	22·3	23·1

Source.—Commissioner of Statistics, Madras.

TABLE 4·4.

AREA, PRODUCTION AND AVERAGE YIELD OF PRINCIPAL CROPS IN TAMIL NADU AND INDIA 1976–77.

	Tamil Nadu		
	Area.	*Production*	*Yield.*
(1)	(2)	(3)	(4)
	(Hectares)	(Tonnes)	(*kg./ hectare.*)
1. Rice	2,283,656	4,214,800	1,846
2. Cholam	841,757	793,520	943
3. Cumbu	456,106	460,530	1,010
4. Ragi	290,283	339,670	1,170
5. Maize	19,192	20,510	1,069

6. Smallmillets (Wheat and Barley included)	470,155	331,070	704
7. Bengalgram	12,119	6,980	576
8. Redgram	84,279	42,950	505
9. Other Pulses	448,900	126,590	282
10. Sugar cane (in terms of gur) ..	154,469	1,636,060	10,592
11. Cotton	239,818	347,470**	1,449
12. Groundnut	889,968	785,040	883
13. Gingelly seed	112,262	38,730	345
14. Castor	10,744	4,260	397

AREA, PRODUCTION AND AVERAGE YIELD OF PRINCIPAL CROPS IN TAMIL NADU AND INDIA 1976-77—*cont.*

	India.		
	Area.	*Production.*	*Yield.*
(1)	(2)	(3)	(4)
	'000' hectares	'000' tonnes	(*kg/. hectare.*)
1. Rice	3,86,06	4,27,88	11,08
2. Cholam	1,57,78	1,03,96	6,59
3. Ragi	25,31	21,78	8,61
4. Cumbu	1,07,30	57,28	5,34
5. Maize	50,54	62,57	10,34
6. Small millets (Wheat and Barley included)	2,75,12	3,39,16	12,00
7. Bengalgram	78,56	53,66	683

8. Redgram	25,34	16,46	6,50
9. Other Pulses	1,24,56	41,96	3,37
10. Sugarcane (in term of gur)	28,72	1,58,37	55,14
11. Cotton	69,01	57,81£	8,38
12. Groundnut	69,48	52,62	7,57
13. Gingelly seed	21,65	4,04	1,87
14. Castor	4,87	1,72	3,53

Source.—Economic and statistical Advisor to the Government of India, New Delhi.

TABLE 4.5.

AREA UNDER PRINCIPAL CROPS BY DISTRICT, 1976-77.

(*hectares.*)

District.	*Paddy.*	*Cholam.*	*Cumbu.*	*Maize.*	*Ragi.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu	357,900	1,038	5,077	1	25,802
2 South Arcot	290,769	32,488	68,177	13	22,224
3 North Arcot	275,767	38,726	18,773	583	27,337
4 Salem	33,450	92,462	44,663	281	33,660
5 Dharmapuri	33,188	59,592	11,335	521	87,752
6 Coimbatore	53,581	236,284	42,719	7,538	32,490
7 Tiruchirapalli	122,884	147,651	101,617	347	5,720
8 Pudukkottai	101,761	4,689	1,427	4,465	5,101

9 Thanjavur	526,697	172	1,573	4,927	2,071
10 Madurai	98,798	179,138	29,222	413	6,583
11 Ramanathapuram ..	234,569	16,183	50,718	17	32,648
12 Tirunelveli	106,333	33,175	80,798	78	7,532
13 The Nilgiris	3,379	59	3	8	1,363
14 Kanniyakumari	44,580	100	4	..	..
State ..	2,283,656	841,757	456,106	19,192	290,283

AREA UNDER PRINCIPAL CROPS BY DISTRICT, 1976-77—*cont.*

(*hectares.*)

District.	Other cereals.	Total cereals.	Bengal-gram.	Black-gram.	Red-gram.
	(7)	(8)	(9)	(10)	(11)
1 Chengalpattu	5,719	395,537	468	668	1,386
2 South Arcot	39,690	453,361	71	6,796	8,914
3 North Arcot	27,348	388,534	5	2,453	16,113
4 Salem	29,399	233,915	378	3,286	8,015
5 Dharmapuri	72,071	264,459	117	1,745	4,299
6 Coimbatore	25,771	398,383	10,636	4,389	8,765
7 Tiruchirapalli	58,479	436,698	174	2,576	20,922

8 Pudukkottai	30,989	138,432	..	1,170	2,038
9 Thanjavur	4,931	540,371	72	63,076	1,249
10 Madurai	62,071	376,225	117	3,917	8,914
11 Ramanathapuram ..	81,304	415,439	44	9,139	3,096
12 Tirunelveli	40,112	268,028	31	16,809	526
13 The Nilgiris	2,271	7,083	6	..	..
14 Kanniyakumari	..	44,684	..	4,225	42
State ..	470,155	4,361,149	12,119	120,249	84,279

AREA UNDER PRINCIPAL CROPS BY DISTRICT, 1976-77—*cont.*

(*hectares*)

District.	*Green-gram.*	*Horse-gram.*	*Other pulses.*	*Total pulses.*	*Total food-grains.*
	(12)	(13)	(14)	(15)	(16)
1 Chengalpattu	204	1,359	365	4,450	39,987
2 South Arcot	1,707	2,914	709	21,111	474,472
3 North Arcot	1,179	11,194	1,938	32,882	421,416
4 Salem	3,328	17,225	6,418	38,650	272,565
5 Dharmapuri	932	64,487	7,919	79,499	343,958
6 Coimbatore	6,768	57,777	15,124	103,459	501,842

7 Tiruchirapalli	1,419	5,998	3,117	34,206	470,904
8 Pudukkottai	599	2,125	285	6,217	144,649
9 Thanjavur	54,743	16	306	119,462	659,833
10 Madurai	1,150	18,597	10,272	42,967	419,192
11 Ramanathapuram ..	3,923	5,807	2,553	24,562	440,001
12 Tirunelveli	2,535	8,602	2,060	30,563	298,591
13 The Nilgiris	@	49	284	339	7,422
14 Kanniyakumari ..	1,937	566	161	6,931	51,615
State ..	80,424	196,716	51,511	545,298	4,906,447

AREA UNDER PRINCIPAL CROPS BY DISTRICT, 1976-77—*cont.*

(*hectares*)

District.	*Sugar-cane.* (17)	*Cotton.* (18)	*Ground-nut.* (19)	*Gingelly.* (20)	*Castor.* (21)
1 Chengalpattu	3,257	124	55,140	4,749	6
2 South Arcot	28,859	7,029	146,152	21,612	115
3 North Arcot	31,140	355	225,821	4,142	541
4 Salem	14,231	16,313	99,563	3,265	4,606
5 Dharmapuri .. .	9,866	3,508	57,494	6,454	3,085
6 Coimbatore	32,002	42,208	94,266	9,605	1,017
7 Tiruchirapalli	11,995	6,871	53,923	21,675	832

8 Pudukkottai	585	1,022	44,700	1,690	22
9 Thanjavur	7,451	815	29,475	11,135	57
10 Madurai	8,623	50,730	52,423	8,918	280
11 Ramanathapuram ..	5,293	50,455	22,553	11,500	64
12 Tirunelveli	1,129	60,347	6,694	7,500	116
13 The Nilgiris . .	38	31	@	11	2
14 Kanniyakumari	..	10	1,764	6	1
State ..	154,469	239,818	889,968	112,262	10,744

@ Below 5 hectares.

Source ; Commissioner of Statistics, Madras.)

TABLE 4·6.

AREA UNDER PRINCIPAL CROPS IN THE DISTRICTS TO TOTAL AREA SOWN IN THE DISTRICTS IN PERCENTAGES, 1976-77.

District.	*Paddy.*	*Cholam.*	*Cumbu.*	*Ragi.*	*Cotton.*	*Ground-nut.*	*Gin-gelly.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Chengalpattu ..	74·5	0·2	1·1	5·4	N	11·5	1·0
2 South Arcot ..	40·0	4·5	9·4	3·1	1·0	20·1	3·0
3 North Arcot ..	39·1	5·5	2·7	3·9	0·1	32·1	0·6
4 Salem	7·2	19·8	9·6	7·2	3·5	21·4	0·7
5 Dharmapuri ..	7·3	13·1	2·5	19·3	0·8	12·7	1·4
6 Coimbatore ..	7·0	30·8	5·6	4·2	5·5	12·3	1·3
7 Tiruchirapalli ..	19·2	23·1	15·9	0·9	1·1	8·4	3·4

8 Pudukkottai ..	48·5	2·2	0·7	2·4	0·5	21·3	0·8
9 Thanjavur ..	66·6	N	0·2	0·3	0·1	3·7	1·4
10 Madurai ..	15·9	28·9	4·7	1·1	8·2	8·5	1·4
11 Ramanathapuram	37·4	2·6	8·1	5·2	8·0	3·6	1·8
12 Tirunelveli ..	21·7	6·8	16·5	1·5	12·3	1·4	1·5
13 The Nilgiris ..	5·6	0·1	N	2·3	N	N	N
14 Kanniyakumari ..	41·2	0·1	N	..	N	1·6	N
State ..	32·0	11·8	6·4	4·1	3·4	12·5	1·6

(*Source* : Commissioner of Statistics, Madras.)

TABLE 4·7.

PRODUCTION OF PRINCIPAL CROPS BY DISTRICTS, 1976-77.

(*Tonnes.*)

District.	*Rice.*	*Cholam.*	*Cumbu.*	*Ragi.*	*Total Cereals.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu	753,740	950	7,580	40,040	807,220
2 South Arcot	658,590	52,590	90,540	51,880	907,460
3 North Arcot	571,670	52,030	18,920	43,810	705,160
4 Salem	65,650	53,020	35,930	34,170	205,320
5 Dharmapuri	54,990	61,930	10,480	52,060	212,290
6 Coimbatore	138,290	183,950	31,490	47,760	422,480
7 Tiruchirapalli	252,040	118,250	96,940	7,670	531,940

8 Pudukkottai	195,890	4,160	1,370	5,000	232,580
9 Thanjavur	817,960	160	1,670	3,080	833,100
10 Madurai	170,430	192,960	32,130	10,650	444,550
11 Ramanathapuram ..	217,450	13,550	37,060	27,600	346,920
12 Tirunelveli	260,410	59,840	96,420	15,110	451,160
13 The Nilgiris	5,350	50	*	840	7,440
14 Kanniyakumari	52,340	80	*	*	52,420
State ..	4,214,800	793,520	460,530	339,670	6,160,040

*Below 5 tonnes.

PRODUCTION OF PRINCIPAL CROPS BY DISTRICT—*cont.*

(Tonnes.)

District.	*Total Pulses.*	*Sugarcane (Gur).*	*Cotton.***	*Gingelly.*	*Groundnut (un-shelled.)*
(1)	(7)	(8)	(9)	(10)	(11)
1 Chengalpattu	1,480	39,800	330	1,560	67,020
2 South Arcot	7,880	373,750	8,830	8,960	162,470
3 North Arcot	13,890	302,890	930	1,400	185,570
4 Salem	12,640	66,970	28,070	1,060	68,000
5 Dharmapuri	20,510	191,410	6,920	1,440	23,610
6 Coimbatore	31,020	346,800	126,440	3,290	69,130
7 Tiruchirapalli	13,140	97,420	5,920	8,190	46,940

8 Pudukkottai	2,010	5,570	1,720	510	52,080
9 Thanjavur	40,240	62,450	1,010	4,760	31,900
10 Madurai	13,400	78,890	98,830	2,190	51,840
11 Ramanathapuram ..	7,880	58,980	38,540	3,190	19,160
12 Tirunelveli	9,960	10,740	29,860	2,170	6,030
13 The Nilgiris	50	360	40	10	..
14 Kanniyakumari	2,420	..	30	..	1,290
STATE ..	176,520	1,636,030	347,470	38,730	785,040

(*Source* : Commissioner of Statistics, Madras.)

TABLE 4·8.

INDEX NUMBER OF AGRICULTURAL ECONOMY, 1976–77 (P).

(TRIENNIUM ENDED 1969–70 = 100.)

Item. (1)	*Food.* (2)	*Non-food.* (3)	*General.* (4)
1 Index number of area under crops	98·6	98·7	98·6
2 Index number of cropping pattern	97·5	104·0	101·1
3 Index number of yield	136·3	118·5	126·6
4 Index number of agricultural production ..	131·2	121·7	126·1

(*Source* : Commissioner of Statistics, Madras.)

TABLE 4·9.

AGRICULTURAL MACHINERY AND IMPLEMENTS—1977.

Item. (1)	*Number.* (2)
1 Ploughs—	
Total	3,639,832
Wooden	3,056,659
Iron	583,173
2 Bullock carts	630,527
3 Sugar cane crushers—	
Total	22,217
Worked by power	12,170
Worked by Bullocks	10,047
4 Tractors (Crawlers, Tractors, Hand Tractors and Four-wheel Tractors).	8,548
5 Oil Engines (used for irrigation and other agricultural purposes).	276,046
6 Electric pump sets	784,643
7 Oil Ghanis	4,719

(*Source* : Twelfth Livestock Census, 1977.)

TABLE 4·10.

NUMBER AND AREA OF OPERATIONAL HOLDINGS IN TAMIL NADU, 1976–77. (P)

(Excluding Madras District.)

Serial number and size-class. (Hectares).	*Individual Holdings.*		*Joint Holdings.*	
	Number.	*Area.*	*Number.*	*Area.*
(1)	(2)	(3)	(4)	(5)
1. Below 0.5 ..	2,338,140	581,404·36	151,925	29,444·44
2. 0·5—1·0	1,225,965	878,153·93	38,998	30,247·49
3. 1·0—2·0	1,058,847	1,469,965·75	31,771	51,203·74
4. 2·0—3·0	430,000	1,050,615·70	14,470	39,341·50
5. 3·0—4·0	209,943	708,498·83	7,175	25,878·20
6. 4·0—5·0 ..	118,406	519,559·81	4,268	20,126·34

7. 5·0—7·5	118,908	712,686·02	4,280	26,975·70
8. 7·5—10·0 ..	46,550	387,986·23	1,868	16,330·07
9. 10·0—20·0 ..	35,575	456,991·39	1,441	19,719·20
10. 20·0—30·0 ..	4,401	100,237·96	270	6,431·82
11. 30·0—40·0 ..	1,024	32,854·33	78	2,556·57
12. 40·0—50·0 ..	336	14,969·07	86	3,870·92
13. 50·0 and above..	503	47,198·24	173	37,793·60
Total ..	5,588,598	6,961,121·62	256,803	309,919·59

NUMBER AND AREA OF OPERATIONAL HOLDINGS IN TAMIL NADU, 1976–77. Contd.

(Excluding Madras District.)

Serial number and Size-Class (Hectares)	Sub-Total (Individual Joint Holdings).		Institutional Holdings.	
	Number.	Area.	Number.	Area.
(1)—	(6)	(7)	(8)	(9)
1. Below 0·5 ..	2,490,065	610,848·80	4,541	1,218·57
2. 0·5—1·0 ..	1,264,963	908,401·42	1,733	1,648·64
3. 1·0—2.0 ..	1,090,618	1,521,169·49	1,517	2,261·85
4. 2·0—3·0 ..	444,470	1,089,957·20	777	2,904·71
5. 3·0—4·0 ..	217,118	734,377·03	469	1,773·77

6. 4·0—5·0 ..	122,674	539,686·15	295	1,388·68
7. 5·0—7·5 ..	123,188	739,661·72	421	3,761·84
8. 7·5—10·0 ..	48,418	404,316·30	243	2,495·13
9. 10·0—20·0 ..	37,016	476,710·59	424	6,260·53
10. 20·0—30·0 ..	4,671	106,669·78	167	4,318·73
11. 30·0—40·0 ..	1,102	35,410·90	70	2,431·85
12. 40·0—50·0 ..	422	18,839·99	141	6,311·77
13. 50·0 and above ..	676	84,991·84	184	24,439·64
Total ..	5,845,401	7,271,041·21	10,982	61,215·71

NUMBER AND AREA OF OPERATIONAL HOLDINGS IN TAMIL NADU
1976—77. Contd.

(Excluding Madras District.)

(1)—*cont.*	*Total Holdings.* Number. (10)	Area. (11)
1. Below 0·5 ..	2,494,606	612,067·37
2. 0·5—1·0	1,266,696	910,050·06
3. 1·0—2·0	1,092,135	1,523,431·34
4. 2·0—3·0	445,247	1,092,861·91
5. 3·0—4·0	217,587	736,150·80
6. 4·0—5·0	122,969	541,074·83

7. 5·0—7·5	123,609	743,423·56
8. 7·5—10·0 ..	48,661	406,811·43
9. 10·0—20·0 ..	37,440	482,971·12
10. 20·0—30·0 ..	4,838	110,988·51
11. 30·0—40·0 ..	1,172	37,842·75
12. 40·0—50·0 ..	563	25,151·76
13. 50·0 and above ..	860	109,431·48
Total ..	5,856,383	7,332,256·92

(Source: Agricultural Census 1976–77)

TABLE 4·11.

WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR. 1977–78.

Year/Month.	*Field labour.*		
	Men.	*Women.*	*Non-Adults.*
(1)	(2)	(3)	(4)
	RS.P.	RS.P.	RS.P.
1977—			
July	4.72	3·28	3.08
August	4.67	3·17	3.10
September	4.77	3.23	3.17
October	4.92	3.39	3.24
November	4.88	3.46	3.29
December	4.86	3.50	3.29

1978—			
January	4.82	3.37	3.23
February	4.92	3.47	3.17
March	4.94	3.49	3.20
April	4.89	3.45	3.23
May	5.00	3.46	3.23
June	5.05	3.41	3.23

WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR 1977-78—*cont.*

Year/Month.	Tending Cattle.		
	Men.	*Women.*	*Non-adults.*
(1)	(5)	(6)	(7)
	RS. P.	RS. P.	RS. P.
1977—			
July	3.08	2.33	2.32
August	3.00	2.50	2.20
September	3.10	2.51	2.23
October	3.09	2.51	2.22
November	3.10	2.63	2.21
December	3.06	2.75	2.22

1978—			
January	3.01	2.75	2.19
February	3.05	2.76	2.18
March	3.01	2.76	2.20
April	3.07	2.61	2.22
May	3·11	2·51	2·24
June	3·21	2·45	2·26

WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR
1977–78—*cont.*

Year/Month.	*Other agricultural labourers.*		
	Men.	*Women.*	*Non-adults.*
(1)	(8)	(9)	(10)
	RS. P.	RS. P.	RS. P.
1977—			
July	4·95	2·90	2·96
August	4·91	2·94	2·76
September	5·03	3·00	2·91
October	5·11	3·26	3·14
November	5·17	3·26	3·26
December	5·16	3·17	3·21

1978—			
January	5·09	3·12	3·16
February	5·16	3·06	2·99
March	5·27	3·18	2·93
April	5·19	3·11	2·96
May	5·22	3·01	3·16
June	5·18	3·20	3.06

Source : Commissioner of Statistics, Madras.

TABLE 4.12.

INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR.

(1960=100)

Year/Month.	*Field Labour.*		
	Men.	*Women.*	*Non-adults.*
(1)	(2)	(3)	(4)
1972	230	220	253
1973	240	226	260
1974	322	296	341
1975	405	391	418
1976	384	381	406
1977	395	398	439

1978—			
January	398	401	459
February	406	411	451
March	408	414	455
April	404	409	459
May	413	411	460
June	418	406	460
July	429	416	446
August	423	418	445
September	424	413	456
October	425	424	449
November	433	430	451
December	421	431	466

INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR—*cont.*

(1960=100)

Year/Month.	*Tending Cattle.*		
	Men.	*Women.*	*Non-adults.*
(1)	(5)	(6)	(7)
1972	187	197	222
1973	198	200	232
1974	239	236	281
1975	344	345	361
1976	336	336	359
1977	333	316	361

1978—

January	310	357	359
February	314	358	357
March	310	358	361
April	316	339	364
May	321	326	367
June	331	318	370
July	348	341	385
August	327	306	367
September	333	312	361
October	325	266	367
November	337	292	349
December	351	282	387

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INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOUR—*cont*.

(1960=100)

Year/Month.	Other Agricultural Labourers.		
	Men.	*Women.*	*Non-adults.*
(1)	(8)	(9)	(10)
1972	203	180	230
1973	225	198	253
1974	292	259	326
1975	376	338	377
1976	386	346	394
1977	398	353	420

1978—			
January	401	359	458
February	406	352	433
March	415	366	425
April	409	357	429
May	411	346	458
June	408	368	443
July	427	347	414
August	428	346	391
September	432	354	420
October	433	367	433
November	443	367	448
December	434	361	471

(*Source* : Commissioner of Statistics, Madras).

TABLE 4.13.

SHOWING AND HARVEST SEASONS OF CERTAIN CROPS.

Crop.	*District.*	*Sowing period.*	*Harvest Period.*
(1)	(2)	(3)	(4)
Paddy First Crop.	Chengalpattu ..	July-October	December-March.
	South Arcot	June-September ..	November-February.
	North Arcot	June-September ..	November-February.
	Salem	June-October ..	November-February.
	Dharmapuri	July-September ..	December-February.
	Coimbatore	May-September ..	September-February.
	Tiruchirapalli ..	June-October ..	October-February.
	Pudukkottai	August-October ..	December-March.

	Thanjavur	June-September ..	October-February.
	Madurai	June-October ..	November-March.
	Ramanathapuram ..	August-November ..	December-March.
	Tirunelveli	June-November ..	November-March.
	The Nilgiris	June-August	November-January.
	Kanniyakumari ..	May-July	October-December.
Paddy, Second Crop.	Chengalpattu ..	October-February ..	March-May.
	South Arcot	October-February ..	March-May.
	North Arcot	November-February	April-May.
	Salem	September-February	February-May.
	Dharmapuri	January-March ..	June-June.
	Coimbatore	October-February ..	February-June.
	Tiruchirapalli ..	October-December ..	February-June.

SOWING AND HARVEST SEASONS OF CERTAIN CROPS—*cont.*

Crop. (1)	*District.* (2)	*Sowing period.* (3)	*Harvest period.* (4)
Paddy second crop—*cont.*	Pudukkottai	November-February	March-June.
	Thanjavur	September-December	February-May.
	Madurai	September-December	February-May.
	Ramanathapuram ..	November-January ..	February-April.
	Tirunelveli	September-December	February-May.
	The Nilgiris	....	....
	Kanniyakumari ..	September-November	February-April.
Cholam—Irrigated.	All districts	January-February ..	May-June.

Cholam-Un-irrigated.	All districts ..	.. July-September	.. December-January.
Cumbu-irrigated.	All districts ..	.. June-July ..	.. September-October.
		January-April	.. April-July.
Cumbu-Un-irrigated.	All districts ..	.. July-September	.. October-December.
Ragi-irrigated.	All districts ..	.. July-September	.. October-December.
		December-February ..	March-May.
Ragi-Un-irrigated.	All districts ..	.. July-October ..	.. October-January.
Gingelly-Irrigated.	South Arcot ..	.. February-April	.. May-July.
	North Arcot ..	.. February-March	.. May-June.
	Salem	.. January-April	.. April-July.
	Coimbatore ..	.. January-March	.. April-June.
	Tiruchirapalli	.. March-April ..	.. June-July.

SOWING AND HARVEST SEASONS OF CERTAIN CROPS—*cont*.

Crop. (1)	*District.* (2)	*Sowing period.* (3)	*Harvest period.* (4)
Gingelly Un-Irrigated.	Chengalpattu ..	November-December	February-March.
		June-July	September-October.
	South Arcot	June-August	October-December.
		November-January ..	February-April.
	North Arcot	March-May	June-August.
	Dharmapuri	May-June	August-September.
	Salem	February-April ..	May-July-
	Coimbatore	September-October ..	December-January.
		January-February ..	April-May.

	Tiruchirappalli	July-September	October-December.
	Thanjavur	January-March	April-June.
		July-August	October-November.
	Madurai	June-August	September-November.
	Ramanathapuram	August-September	November-December.
		December-January	March-April.
	Tirunelveli	February-March	May-June.
		October-November	January-February.
Groundnut—Irrigated.	Chengalpattu	December-January	March-April.
	South Arcot	December-January	March-April.
	North-Arcot	December-January	March-April.
	Salem	January-February	April-May.
	Coimbatore	December-January	March-April.

SHOWING AND HARVEST SEASONS OF CERTAIN CROPS—*cont*.

Crop. (1)	*District.* (2)	*Sowing period.* (3)	*Harvest period.* (4)
Groundnut-irrigated —*cont*.	Tiruchirappalli ..	February-March ..	May-June.
	Thanjavur	December-January ..	March-April.
	Madurai	January-February ..	April-May.
Groundnut-Un-irrigated.	Chengalpattu ..	June—July	October—November.
	South Arcot	June-July ..	October-November.
	North Arcot	June-July	October-November.
	Dharmapuri	June-July	October-November.
	Salem	June-August. ..	October-December.
	Coimbatore	March-April. ..	July-August.

		May-July	September-November.
	Tiruchirappalli	July-August	November-December.
	Thanjavur	July-August	November-December.
	Madurai	July-August	October-December.
	Ramanathapuram	July-August	October-December.
	Pudukkottai	June-July	October-November.
Sugarcane	Chengalapattu	January-March	November-January.
	South Arcot	February-April	December-March.
	North Arcot	January-April	December-March.
	Dharmapuri	January-February	December-January.
		June-July	July-August.
	Salem	February-April	December-February.
		November-December	October-November.

SHOWING AND HARVEST SEASONS OF CERTAIN CROPS—*cont.*

Crop.	*District.*	*Sowing period.*	*Harvest period.*
(1)	(2)	(3)	(4)
Sugarcane —*cont.*	Coimbatore	February-June ..	December-April.
	Tiruchirappalli ..	February-April ..	January-March.
		June-July	April-May.
	Thanjavur	February-May	January-March.
	Madurai	March-June ..	February-May
	Ramanathapuram ..	March-May	February-April.
Cotton ..	Salem	September-November	January-April.
	Dharmapuri	September-November	January-April.
	Coimbatore	September-November	January-April.

	Tiruchirappalli ..	September-November	January-April.
	Madurai		
	Winter	September-November	January-April.
	Summer	January-February ..	June-July
	Ramanathapuram		
	Winter	September-November	February-April.
	Summer	January-February ..	June-July.
	Tirunelveli		
	Winter	September-November	February-April.
	Summer	January-February ..	June-July.
Redgram	Chengalpattu ..	August-October ..	December-February.
	South Arcot	July-August	December-January.
	North Arcot	July-August	December-January.

TABLE 4.13—*cont.*

SHOWING AND HARVEST SEASONS OF CERTAIN CROPS—*cont.*

Crop.	*District.*	*Sowing period.*	*Harvest period.*
(1)	(2)	(3)	(4)
Redgram—*cont.*	Dharmapuri	July-September	December-January.
	Salem	July-August	December-January.
	Coimbatore	May-June	September-October.
		August-September	December-January.
	Tiruchirappalli	August-September	January-February.
	Pudukkottai	July-August	December-January
	Thanjavur	September-October	January-February.
	Ramanathapuram	June-July	October-November.
	Madurai	August-September	December-January.
		August-October	January-February.

	Tirunelveli ..	.. September-October ..	January-February.
	Kanniyakumari	.. ..	..
Blackgram.	Chengalpattu	.. December-January ..	February-March.
	South Arcot ..	.. December-January ..	February-March.
	North Arcot ..	.. July ..	November
		.. August ..	October-
		.. November ..	January.
	Dharmapuri ..	.. November-December	January-February
		July-August	October.
	Salem ..	.. September-October ..	December-January.
	Coimbatore ..	.. September-October ..	December-January.
	Trichirappalli ..	.. November-February	January-April.
	Pudukkottai ..	.. September-October ..	December-January
	Thanjavur ..	.. January-February ..	March-April.
	Madurai ..	.. August-October ..	October-January.

TABLE 4.13—*cont.*

SHOWING AND HARVEST SEASONS OF CERTAIN CROPS—*cont.*

Crop.	*District.*	*Showing Period.*	*Harvest Period.*
(1)	(2)	(3)	(4)
Blackgram —*cont.*	Ramanathapuram ..	September-October..	December-January.
	Tirunelveli	September-November	November-January.
		January-March ..	March-May.
	Kanniyakumari ..	February-April ..	April-June.

Source: Commissioner of Statistics, Madras.

V. IRRIGATION

TABLE 5.1.

SOURCES OF WATER SUPPLY 1976-77.

District.	*Canals.*		*Tube Wells. (Nos.)*
	Number.	*Length in kilometre.*	
(1)	(2)	(3)	(4)
Chengalpattu	316	403	5,773
South Arcot	369	4,892	18,453
North Arcot	748	1,909	54
Salem	154	636	6
Dharmapuri	234	732	1
Coimbatore	53	1,296	..

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District.	*Canals.*		*Tube Wells Nos.*
	Number.	*Length in kilometre.*	
(1)	(2)	(3)	(4)
Tiruchirapalli	93	966	2,461
Pudukottai	27	120	182
Thanjavur	128	2,611	11,281
Madurai	203	396	295
Ramanathapuram	29	362	63
Tirunelveli	357	815	35
The Nilgiris	..	..	14

Kanniyakumari..	84	741	101
State	2,895	15,879	38,719

SOURCES OF WATER SUPPLY 1976–77—*cont*.

District.	*Wells (Nos.)*	*Wells used for domestic purposes only.*	*Reservoirs.*	*Tanks.*
(1)	(5)	(6)	(7)	(8)
Chengalpattu	70,795	45,513	1	3,489
South Arcot	172,079	51,463	8	2,682
North Arcot	279,361	69,124	1	3,189
Salem	210,156	51,332	1	635
Dharmapuri	98,077	17,280	2	2,154
Coimbatore	164,954	23,376	6	116
Tiruchirapalli	150,769	18,635	1	2,328

Pudukkottai	45,813	14,490	..	5,265
Thanjavur	53,456	41,023	..	709
Madurai	143,338	11,362	6	5,022
Ramanathapuram	75,071	30,400	2	7,196
Tirunelveli	109,749	24,249	5	2,870
The Nilgiris	84	207	..	..
Kanniyakumari..	567	10,877	4	2,641
State	1,574,269	409,331	33	38,296

Source: Commissioner of Statistics, Madras.

TABLE 5·2.

NET AREA IRRIGATED BY SOURCES.

(Area in hectares.)

Sources.	1973–74	1974–75	1975–76	1976–77
(1)	(2)	(3)	(4)	(5)
1 Government Canals ..	926,297	886,253	909,860	676,249
2 Private Canals	566	510	581	575
3 Tanks	930,123	593,906	749,828	799,979
4 Wells (including tube wells).	927,057	924,472	869,593	824,635
5 Other sources	31,519	32,921	35,258	28,143
Total ..	2,815,562	2,438,062	2,565,120	2,329,581

Source : Commissioner of Statistics, Madras.

TABLE 5·3.

AREA SOWN AND IRRIGATED BY DISTRICTS, 1976–77.

(Area in hectares.)

District.	Net area irrigated.	Net area sown.	Percentage of column (3) to (2).
(1)	(2)	(3)	(4)
Chengalpattu	260,914	335,908	77·7
South Arcot	302,920	568,120	53·3
North Arcot	248,856	543,447	45·8
Salem	89,071	402,824	22·1
Dharmapuri	53,525	413,703	12·9
Coimbatore	214,074	678,017	31·6

AREA SOWN AND IRRIGATED BY DISTRICTS, 1976–77—*cont*.

(Area in hectares.)

District.	*Net area irrigated.*	*Net area sown.*	*Percentages of columns (3) to (2).*
(1)	(2)	(3)	(4)
Tiruchirapalli	140,301	580,711	24·2
Pudukkottai	93,618	196,155	47·7
Thanjavur	376,846	532,533	70·8
Madurai	175,974	562,235	31·3
Ramanathapuram	213,470	612,988	34·8
Tirunelveli	132,598	442,070	30·0

The Nilgiris	321	57,083	0 6
Kanniyakumari	27,093	81,098	33 4
State ..	2,329,581	6,006,892	38·8

Source : Commissioner of Statistics, Madras.

AREA SOWN AND IRRIGATED BY DISTRICTS, 1976–77—*cont.*

(Area in hectares.)

District.	*Gross area irrigated.*	*Gross area sown.*	*Percentage of column (6) to (5).*
(1)	(5)	(6)	(7)
Chengalpattu	381,262	480,449	79·4
South Arcot	395,485	727,497	54·4
North Arcot	371,070	704,573	52·8
Salem	118,798	466,045	25·6
Dharmapuri	66,350	453,732	14·6
Coimbatore	269,980	768,276	35·1
Tiruchirappalli	185,168	640,237	28·9

Pudukkottai	104,745	209,755	49·9
Thanjavur	462,778	791,221	58·5
Madurai	206,710	620,140	33·3
Ramanathapuram	224,963	627,133	35·9
Tirunelveli	166,192	489,726	33·9
The Nilgiris	321	59,974	0·5
Kanniyakumari	46,443	108,260	42·9
State ..	3,001,165	7,147,018	42·0

Source : Commissioner of Statistics, Madras.

TABLE 5.4.

AREA IRRIGATED BY PRINCIPAL CROPS.

(in ·000' hectares.)

Crop. (1)	1973–74 (2)	1974–75 (3)	1975–76 (4)	1976–77 (5)
1 Paddy	2,485	2,028	2,379	2,018
2 Cholam	126	125	122	108
3 Cumbu	63	50	56	54
4 Ragi	114	127	148	123
5 Sugarcane	186	160	128	154
6 Cotton	109	100	72	89
7 Groundnut	269	171	163	144

8 Other crops	322	272	308	311
Total ..	36,74	30,33	33,76	30,01

Source : Commissioner of Statistics, Madras.

TABLE 5·5.

WATER LEVELS IN RESERVOIRS.

Serial number and name of reservoir.	*Districts benefited.*	*Full Reservoir depth (metres.)*	1977–78 (June 1977 to *May* 1978.) *Highest Level.*	
			metres.	*Date.*
(1)	(2)	(3)	(4)	(5)
1 **Mettur**	Salem, Coimbatore, Tiruchirapalli, Thanjavur, Pudukkottai and South Arcot.	36·58	36·71	10–11–1977
2 **Bhavanisagar** ..	Coimbatore and Tiruchirapalli.	32·00	31·39	10–12–1977
3 **Amaravathy** ..	Coimbatore and Tiruchirapalli.	33·53	33·52	10–12–1977

4	Sathanur	North Arcot and South Arcot.	36·27	36·27	3– 1–1978
5	Manimuthar ..	Tirunelveli	35·97	35·66	6– 1–1978
6	Papanasam	Tirunelveli	45·11	44·82	11–12–1977
7	Poondi	Madras City (Water supply)	42·06	41·67	29–10–1977
8	Krishnagiri	Dharmapuri	15·85	15·84	26–10–1977
9	Vidur	South Arcot and Pondicherry (State).	9·75	9·61	2–12–1977
10	Gomukhi	South Arcot	14·02	13·53	19–12–1977
11	Manimukthanadhi	South Arcot	10·97	10·36	23–11–1977
12	Willingdon	South Arcot	8·60	8·78	14–12–1977
13	Periyar	Madurai	14·63	13·01	4–11–1977
14	Vaigai	Madurai and Ramanathapuram.	21·64	21·54	4–12–1977

WATER LEVELS IN RESERVOIRS—*cont.*

Serial number and name of reservoirs.	*Districts beneflted.*	*Full Reservoir depth (metres)*	*1977—78 (June 1977 to May 1978) Highest Level*	
			Metres	*Date.*
(1)	(2)	(3)	(4)	(5)
15 Manjalar	Madurai	17·37	17·12	16–10–1977
16 Pechiparai	Kanyakumari and Tirunelveli.	14·63	13·92	30–11–1977
17 Perunchani	Kanyakumari and Tirunelveli.	23·47	22·63	27–11–1977
18 Chittar Dam. I ..	Kanyakumari and Tirunelveli.	19·20	18·61	30–10–1977
19 Chittar Dam. II ..	Do.	17·98	17·46	28–10–1977

Source—Chief Engineer (Irrigation), Madras.

Serial number and name of reservoir,	Districts benefited.	1977–78 (June 1977 to May 1978. Lowest Level). Metres.	Date.
		(6)	(7)
1 Mettur ..	.. Salem, Coimbatore Tiruchirapalli, Thanjavur, Pudukkottai and South Arcot.	10·21	20– 9–1977
2 Bhavanisagar	.. Coimbatore and Tiruchirappalli.	12·21	18– 6–1977
3 Amaravathy	.. Coimbatore and Tiruchirappalli.	12.48	8– 4–1978

WATER LEVELS IN RESERVOIRS—*cont.*

Serial number and name of reservoir.	*Districts benfited.*	1977–78 (*June* 1977 to *May* 1978). *Lowest Level* *Metres.*	*Date.*
		(6)	(7)
4 Sathanur	North Arcot and South Arcot.	13·13	1– 6–1977
5 Manimuthar ..	Tirunelveli	8·19	25– 8–1977
6 Papanasam	Tirunelveli	7.55	22– 9–1977
7 Poondi	Madras City (Water supply),	37·79	30– 9–1977
8 Krishnagiri	Dharmapuri	8·80	1– 6–1977
9 Vidur	South Arcot and Pondicherry (State),	2·19	27– 5–1978

10 Gomukhi	South Arcot	3·51	26- 5-1978
11 Manimukthanadhi	South Arcot	Nil	1- 6-1977
12 Willingdon ..	South Arcot	1·28	27- 4-1978
13 Periyar	Madurai	2·20	11- 5-1973
14 Vaigai	Madurai and Ramanathapuram.	4·23	15- 9-1977
15 Manjalar	Madurai	10·50	31- 5-1978
16 Pechiparai	Kanniyakumari and Tirunelveli.	1·25	24- 8-1977
17 Perunchani	Kanniyakumari and Tirunelveli.	2·74	19- 8-1977
18 Chittar Dam I ..	Kanniyakumari and Tirunelveli.	13.95	28- 2-1978
19 Chittar Dam II ..	Do.	12.48	29- 5-1978

Source : Chief Engineer (Irrigation), Madras.

VI. LIVESTOOK AND ANIMAL HUSBANDRY.

TABLE 6·1.

LIVESTOCK AND POULTRY POPULATION—1977.

Classification. (1)	*Number.* (2)
1 Cattle—	
(a Males over 3 years—	
(i) Used for breeding	56,945
(ii) Used for breeding and work	394,840
(iii) Used for work	3,980,636
(iv) Others (Stray and Scrub Cattle kept for manure purposes) ..	211,261
Total ..	4,643,682

(*b*) Females over 3 years—	
(i) Breeding	2,996,792
(*a*) In milk	1,359,820
(*b*) Dry	1,267,977
(*c*) Not calved even once	368,995
(ii) Used for work	608,292
(iii) Others (Stray and scrub cattle kept for manure purposes)	192,501
Total	3,797,585
(*c*) Youngstock	2,359,852
Total Cattle	10,801,119

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LIVESTOCK AND POULTRY POPULATION, 1977—*cont.*

Classification. (1)	*Number.* (2)
2. **Buffaloes**—	
(*a*) Males over 3 years—	
(i) Used for breeding	29,829
(ii) Used for breeding and work	67,009
(iii) Used for work	248,318
(iv) Others (Stray and scrub buffaloes kept for manure purposes.)	38,749
Total ..	383,905

(*b*) Females over 3 years—	
(i) Breeding	1,532,450
(*a*) In milk	850,761
(*b*) Dry	544,691
(*c*) Not calved even once	136,998
(ii) Used for work	62,632
(iii) Others (Stray and scrub buffaloes kept for manure purposes)	41,595
Total ..	1,636,677
(*c*) Youngstock	1,057,096
Total buffaloes ..	3,077,678

LIVESTOCK AND POULTRY POPULATION, 1977—Cont.

Classification (1)	*Number.* (2)
3. Sheep	5,289,242
4. Goats	4,202,093
5. Horses and Ponies	10,880
6. Camels	14
7. Mules	556
8. Donkeys	86,543
9. Pigs	678,123
Total Livestock	24,146,248
Total Poultry	14,347,195

Source:—Livestock Census, 1977.

TABLE 6·2.

Veterinary Institutions and Animals Treated—1977–78.

District/State.	Type of Veterinary Institutions.				Animals treated.
	Veterinary Hospital.	*Veterinary Hospital-cum-key village Centre.*	*Veterinary Dispen-saries.*	*Veterinary dispensary-cum-key Village Centre.*	
(1)	(2)	(3)	(4)	(5)	(6)
Madras	1	..	1	..	78,607
Chengalpattu	..	2	25	19	480,854
South Arcot	2	1	47	3	507,813
North Arcot	4	1	51	2	550,521
Dharmapuri	..	..	20	6	263,512
Coimbatore	4	5	37	34	700,102

VETERINARY INSTITUTIONS AND ANIMALS TREATED 1977-78 Cont.

District/State.	Type of Veterinary Institutions.				Animals treated.
	Veterinary Hospital.	Veterinary Hospital-cum-key village Centre.	Veterinary Dispensaries.	Veterinary dispensary cum-key village Centre.	
(1)	(2)	(3)	(4)	(5)	(6)
Salem	1	1	50	2	598,886
Nilgiris	2	..	4	..	81,505
Thanjavur	6	..	59	1	344,360
Tiruchirapalli	2	..	47	..	332,089
Pudukkottai	1	..	14	..	73,609
Madurai	4	..	54	6	459,106

Ramanathapuram ..	2	..	43	4	208,255
Tirunelveli	6	..	45	1	316,160
Kanniyakumari ..	3	..	14	..	83,743
Total ..	38	10	511	78	5,079,122

Source : Director of Animal Husbandry, Madras.

TABLE 6·3.

ANIMAL HUSBANDRY 1977–78.

	As on 31st March 1978.
Cattle development.—	
1 Livestock Farms	7
2 Sub-Centres	1954
3 Goshala Development Centres	5
Sheep development.—	
1 Sheep Farms	2
2 Sheep Units attached to farms	4
Poultry development.—	
1 Poultry Extension Centres	29
2 Hatcheries	2
Piggery development.—	
1 Piggery Units	9
2 Pork Clubs	23
Health Services.—	
Clinical Laboratories	13
Rinderpest Checkposts	9
Rinderpest Vigilance Units	10

Source : Director of Animal Husbandry, Madras.

TABLE 6·4.

DAIRY DEVELOPMENT 1977–78.

1 Main dairies	Madhavaram, Ambattur, Madurai.
2 Feeder dairies	Erode, Vellore.
3 Co-operative dairies	(1) Coimbatore, (2) Ootacamund, (3) Chidambaram, (4) Thanjavur, (5) Tiruchirapalli, (6) Kodaikanal, (7) Kanniyakumari.
4 Milk chilling plants	24

5 Average milk collection per day (in litres)—

(i) In flush season (December 1976 to May 1977).	2,44,365 litres.
(ii) In lean season (June 1977 to November 1977).	2,15,244 litres.

6 Quantity marketed—

Milk (lakh litres)	914 lakh litres quantity marketed in Madras and Madurai.
Butter (tonnes)	444 tonnes Quantity marketed all over India.
Ghee (tonnes)	585 tonnes Quantity marketed all over India.
Khoa (tonnes)	36 tonnes Quantity marketed in Madras.
Flavoured milk (lakh litres)	10 lakh litres Quantity marketed in other states also.

7 Marketing—	
Milk booths (Numbers)	640
Milk bar (Numbers)	130
8 Procurement per annum (in lakh litres) ..	654 lakh litres.

Source :—Tamil Nadu Dairy Development Corporation, Madras.

TABLE 6·5.

Poultry Development 1977–78.

Marketting.—

Location of units.—

1 Madras. 5 Chengalpattu.
2 Tiruchirapalli. 6 Coimbatore.
3 Madurai. 7 Salem.
4 Tirunelveli. 8 Vellore.

Number of Eggs sold	..	16,3,56,524 Numbers.
Quantity of meat sold	..	83, 590·370 Kg.

Feed Mixing Unit.—

Location of Units—

1 Madras. 3 Madurai.
2 Tiruchirapalli. 4 Coimbatore.

		M.T.	KG.
Total feed production	..	5,261	490
Total feed sold ..	..	5,164	660

Hatchery—

1 Madurai district
2 Coimbatore district.

Chicks production (Numbers).—

Kappalur	..	80,676	(Pureline chicks).
Arasur ..	..	3,93,347	(Hybried chicks).
Total	..	4,74,023	

Poultry Extension centre and Tapco Grower farm.

1 Madras district.	4 Madurai district.
2 Chengalpattu district.	5 Salem district.
3 Tiruchirappalli district.	6 Coimbatore district.

		Numbers.
Birds sold for breeding	..	65,572
Birds sold for table ..	..	17,109

(*Source*.—Tamil Nadu Poultry Development Corporation, Madras.)

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VII. FISHERIES.

TABLE 7·1.

Fisheries Development, 1977–78.

Area—

Total cost line of the State ..	1,000 km.
Total Inland Water spread area.	3·51 lakh hectares.
Marine fishing villages	349

Fish production—

Item.	*Quantity (tonnes).*	*Value (rupees in lakhs).*
Marine	2,35,000	2,890·50
Inland	1,50,000	1,170·00

	Number.
1 Freezing plants	3 (public).
2 Ice plants, cold storages and walk-in-coolers.	36 (public.)
3 Sea food manufacturing units in private sector.	35

4	Fisheries Training centres—Marine ..	5
	Fisheries Training centres—In land ..	1
5	Mechanised boats supplied to fishermen during 1977–78.	114
6	Fishing vessels	4*
7	Active marine fishermen	1,79,212

* 2 under the control of Fisheries Department and 2 under the control of Tamil Nadu Fisheries Development Corporation.

(*Source* .—Director of Fisheries, Madras.)

TABLE 7·2.

MARINE FISH PRODUCTION BY DISTRICTS 1977–78, (P)

District.	*Fish landing during 1977–78. (tonnes).*
Madras	7,441
Chengalpattu	11,706
South Arcot	24,059
Thanjavur	37,276
Pudukkottai	9,055
Ramanathapuram ..	12,616
Tirunelveli	44,973
Kanniyakumari	54,308
State ..	201,434

(*Source* .—Commissioner of Statistics, Madras.)

VIII. FORESTS.

TABLE 8·1.

AREA UNDER FORESTS BY DISTRICTS, 1977–78 (P).

Serial number and district.	*Area under forests in hectares.*			
	Reserved forests.	*Reserved lands.*	*Un-classed.*	*Total.*
(1)	(2)	(3)	(4)	(5)
1 Madras	240	..	..	240
2 Chengalpattu	30,113	14,024	..	44,137
3 South Arcot	61,656	82,001	..	143,657
4 North Arcot	304,975	3,606	..	308,581
5 Salem	147,219	17,679	..	164,898
6 Dharmapuri	261,463	44,073	..	303,536

AREA UNDER FORESTS BY DISTRICTS, 1977-78 (P) - *cont.*

Serial number and district.	*Area under forests in hectares.*			
	Reserved forest.	*Reserved lands.*	*Un-classed.*	*Total.*
(1)	(2)	(3)	(4)	(5)
7 Coimbatore	3,82,057	963	8,025	3,91,045
8 Tiruchirapalli	65,965	8,620	..	74,585
9 Pudukkottai	11,102	11,314	..	22,416
10 Thanjavur	13,833	2,256	..	16,089
11 Madurai	167,007	173,772	9,698	350,477
12 Ramanathapuram	18,730	29,156	127	48,013
13 Tirunelveli	92,696	41,111	6,203	140,010

14 Kanniyakumari	41,994	7,623	..	49,617
15 The Nilgiris	131,886	4,195	19,809	155,890
Total ..	1,730,936	440,393	43,862	2,215,191

(*Source* :—Chief Conservator of Forests, Madras.)

Area under Forests by District, 1977–78 (P)—*cont.*

Serial number and district.	*Per capita.* *Land area.*	*Per capita.* *Forest area.*	*Percentage of Forest area to land area.*
	(6)	(7)	(8)
1 Madras	0·01	N	7·88
2 Chengalpattu	0·27	0·01	5·57
3 South Arcot	0·33	0·05	13·18
4 North Arcot	0·33	0·08	27·77
5 Salem	0·29	0·05	19·96
6 Dharmapuri	0·57	0·16	31·68
7 Coimbatore	0·36	0·08	24·95

8	Tiruchirapalli	0·35	0·02	6·74
9	Pudukkottai	0·50	0·02	4·82
10	Thanjavur	0·23	0·01	1·95
11	Madurai	0·32	0·08	27·75
12	Ramanathapuram	0·44	0·01	3·82
13	Tirunelveli	0·36	0·04	12·25
14	Kanniyakumari	0·14	0·03	29·46
15	The Nilgiris	0·52	0·27	61·16
	Total ..	0·32	0·48	17·03

Source : Chief Conservator of Forests, Madras.

TABLE 8·2.

OUTTURN OF FOREST PRODUCE, 1977–78 (P).

Product.	Outturn.		
	Department.	*Corporation.*	*Total.*
(1)	(2)	(3)	(4)
A. Major Products—			
1 Timber (Cu. m.)	44,367	..	44,367
2 Fuelwood and pulpwood (Cu. m.)	1,40,619	43,554	1,84,173
3 Sandalwood (Tonnes)	3,280	..	3,280
B. Minor Products—			
1 Bamboo	N.A.	N.A.	N.A.
2 Grazing	..	..	..

3 Rubber (Tonnes)	1,355	..	1,355
4 Tea (Green leaves in Tonnes) ..	10	4,692	4,702
5 Tea (Made tea in Tonnes) ..	..	94	94
6 Cashew (Tonnes)	N.A.	1,447	N.A.
7 Other Minor forest produce ..	..	..	..

Source: Chief Conservator of Forests

OUTTURN OF FOREST PRODUCE 1977-78 (P)—*cont.*

Product.	*Revenue Rs. in '000'.*		
	Department.	*Corporation.*	*Total.*
(1)	(5)	(6)	(7)
A. Major Products.—			
1 Timber (Cu. m.)	12,666	..	12,666
2 Fuelwood and pulpwood (Cu. m.)	18,600	2,940	21,540
3 Sandalwood (Tonnes)	43,479	..	43,479
B. Minor Products—			
1 Bamboo	1,993	..	1,993
2 Grazing	908	..	908
3 Rubber (Tonnes)	7,711	..	7,711

4 Tea (Green leaves in Tonnes) ..	17	9,633	9,650
5 Tea (Made tea in tonnes) ..	..	1,308	1,308
6 Cashew (Tonnes)	1,746	7,793	9,539
7 Other Minor forest produce ..	3,766	..	3,766

Source : Chief Conservator of Forests, Madras.

TABLE 8.3.

FOREST BASED INDUSTRIES 1976–77.

As on 31st March 1977.

Industry.	Units.	Forest products utilised.
1 Paper and Board excluding hand paper units.	3	Bamboo, Etta Reeds, Grass and Eucalyptus Hybrid.
2 Rayan and Staple Fibre	1	Blue Gum Wood and debarked wattlewood.
3 Wattle extract	1	Wattle Bark
4 Sandalwood oil	2	Sandalwood.
5 Eucalyptus Oil (Govt. unit) ..	1	Eucalyptus leaves.
6 Lac and Lac Products	1	Lac.
7 Chip Board	1	Softwood.

Source : 1 Chief Conservator of Forests, Madras.
2. Director of Cinchona, Ootacamund.

TABLE 8.4.

WILDLIFE SANCTUARIES.

Serial number and name of the Sanctuary.	*Area in hectare.*	*Year of formation.*
(1)	(2)	(3)
1 Mudumalai	32,116	1940
2 Mundanthurai	56,700	1962
3 Vedanthangal	29	1962
4 Point Calimere	1,729	1967
5 Guindy Park (National Park)	284	..
6 Anamalai Wildlife Sanctuary	95,800	1972
7 Kalakad Wildlife Sanctuary	22,358	1976
Total extent	2,09,016	..
Percentage to forest area	9.11	..

Source : Chief Conservator of Forest, Madras.

IX. ELECTRICITY.

TABLE 9.1.

INSTALLED CAPACITY, GENERATION AND CONSUMPTION OF ELECTRICITY, 1977–78.

Name of the power station.	*Year of operation.*	*Installed capacity as on 31st March 1978 M.W.*	*Generation in Million units in 1977–78,*	*Station consumption in million Units in 1977–78.*	*Net Units sent out in Million units in 1977–78.*
(1)	(2)	(3)	(4)	(5)	(6)
GENERATION—HYDRO—					
Pykara	45th	70	307·22	1·11	306·11
Moyar	26th	36	132·19	0·55	131·64
Mettur	41st	40	103·22	1·42	101·80
Mettur Tunnel	13th	200	460·46	1·01	459·45

Papanasam	34th	28	114.30	0.59	113.71
Periyar	20th	140	536.61	2.75	533.86
Kundah 1	18th	60	193.00	0.33	192.67
Kundah 2	18th	175	530.30	0.66	529.64
Kundah 3	13th	180	352.81	0.97	351.84
Kundah 4	12th	50	169.84	0.01	169.83
Kundah 5	14th	20	64.35	0.14	64.21
Sarkarpathy	12th	30	108.24	0.05	108.19
Aliyar	9th	60	188.32	0.46	187.86
Sholayar 1	7th	70	116.99	0.41	116.58
Sholayar 2	8th	25	58.81	0.14	58.67
Kodayar 1	8th	60	255.04	0.33	254.71
Kodayar 2	7th	40	76.29	0.13	76.16
Total—Hydro ..		1,284	3,767.99	11.06	3,756.93

INSTALLED CAPACITY, GENBRATION AND CONSUMTION OF ELECTRICITY 1977–78—*cont.*

Name of the power station.	*year of operation.*	*Installed copacity as on 3Ist March 1978. M.W.*	*Generation in Million units in* 1977–78	*Station consump-tion in million Units in 1977-78.*	*Net Units sent out in Million units in 1977-78.*
(1)	(2)	(3)	(4)	(5)	(6)
THERMAL—					
M.E.S. (G)	26th	90	412·95	52·48	360·47
Ennore	9th	450	1,438·91	194·66	1,244.25
Total—THERMAL ..		540	1,851·86	247·14	1,604·72

BOARD'S TOTAL—					
Hydro and Thermal ..	..	1,824	5,619·85	258·20	5,361·65
Power purchased from Neyveli.	..	..	2.113·90	..	..
Power purchased from Karnataka.	..	..	35·13	..	..
Power purchased from Kerala.	..	..	1,605·15	..	..
Power purchased from Andhra.	..	..	65·60	..	..
Power purchased from Manali.	..	..	13·33	..	..
Total power purchased ..	..	..	3,833·11	..	..
Grand Total	..	..	9,452·96	..	..

INSTALLED CAPACITY, GENERATION AND CONSUMTION OF ELECTRICITY 1977–78—*cont.*

Name of the power station.	*Year of operation.*	*Installed capacity as on 31st March 1978 M.W.*	*Generation in Million units in 1977-78.*	*Station comsumption in Million Units in 1977-78.*	*Net Units sent out in Million units in 1977-78*
(1)	(2)	(3)	(4)	(5)	(6)
POWER SUPPLY TO OTHER STATES—					
Pondicherry	..	..	..	..	124.69
Karnataka	..	..	..	..	425.60
Kerala	..	..	..	..	1.19
Andhra	..	..	..	..	0.72

Total	552·20
Net T.N.E.B. Consumption	8,900·76

CONSUMPTION DURING 1977–78.

Description.	*M. Units.*
Agriculture	1,786·163
Industries	3,539·259
Commercial	480·698
Domestic	554·859
Others	1,123·468
Total ..	7,484·447

INSTALLED CAPACITY, GENERATION AND CONSUMTION OF ELECTRICITY 1977-78—*cont*.

PER CAPITA CONSUMPTION—						
Year	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Units	125	127	130	142	146	162
POWER DEMAND :						
Year	1972-73	1973—74	1974-75	1975-76	1976-77	1977-78
(1)	(2)	(3)	(4)	(5)	(6)	(7)
M.W.	1,190	1,287	1,282	1,528	1,313	1,641

Source : Tamil Nadu Electricity Board, Madras.

TABLE 9.2.

TRANSMISSION AND DISTRIBUTION (AS ON 31ST MARCH 1978).

Length of E.H.T. and H.T. Lines ..	72,689 Km.
Length of L.T. Lines	221,700 Km.
Distribution transformers	43,650
E. H. T. Sub-Stations	174
H. T. Sub-Stations	150

Source : Tamil Nadu Electricity Board, Madras.

TABLE 9.3.

RURAL ELECTRIFICATION, 1977-78.

District.	Number of Towns, Villages and Hamlets electrified.		Number of pumpsets energised.	
	During the year.	*Upto the end of the year i.e. as on 31st March 1978.*	*During the year.*	*Upto the end of the year i.e. as on 31st March 1978.*
(1)	(2)	(3)	(4)	(5)
Madras	..	1	..	..
Chengalpattu	..	4,297	1,559	66,827
North Arcot	..	4,116	3,362	1,41,822
South Arcot	..	4,094	2,807	81,923

Tiruchirapalli	2	5,096	1,461	58,283
Thanjavur	39	5,601	960	15,685
Pudukkottai	..	3,098	810	8,912
Madurai..	..	5,781	2,561	82,581
Ramanathapuram	..	6,479	1,705	37,320
Tirunelveli	..	4,743	1,952	50,703
Kanniyakumari	1	2,559	91	1,290
Salem	23	5,045	2,850	92,007
Dharmapuri	..	4,541	1,501	31,124
Coimbatore	..	7,008	2,600	1,36,767
The Nilgiris	..	880	19	302
Total ..	65	63,339	24,238	8,05,616

Source : Tamil Nadu Electricity Board, Madras.

X. INDUSTRIES.

TABLE 10.1.

RESULTS OF ANNUAL SURVEY OF INDUSTRIES, 1975-76. (P)

	Characteristics.	*Units.*	*Results for all Industries.*
	(1)	(2)	(3)
1	Number of factories	Numbers	7,995
2	Fixed capital	Rupees in lakhs	1,12,661
3	Working capital	Rupees in lakhs	55,803
4	Productive capital	Rupees in lakhs	1,68,464
5	Invested capital	Rupees in lakhs	2,00,613
6	Outstanding loans	Rupees in lakhs	1,06,296

7	Mandays worked	Numbers in lakhs	1,869
8	All workers	Numbers	531,233
9	All employees	Numbers	670,567
10	Wages to workers	Rupees in lakhs	21,434
11	Emoluments to employees	Rupees in lakhs	33,160
12	Fuels consumed	Rupees in lakhs	14,560
13	Materials consumed	Rupees in lakhs	1,83,167
14	Other Input	Rupees in lakhs	38,450
15	Total Input	Rupees in lakhs	2,36,177
16	Products	Rupees in lakhs	2,71,882
17	Other output	Rupees in lakhs	29,499
18	Total output	Rupees in lakhs	3,01,381
19	Depreciation	Rupees in lakhs	9,667

RESULTS OF ANNUAL SURVEY OF INDUSTRIES 1975–76 (P)—*cont.*

Characteristics. (1)	*Units.* (2)	*Results for all Industries* [3]
20 Value added	Rupees in lakhs	55,537
21 Factor payments	Rupees in lakhs	12,323
22 Net income	Rupees in lakhs	43,214

Source : Commissioner of Statistics, Madras.

TABLE 10.2.

ESTIMATES OF OUT-PUT AND VALUE ADDED BY MANUFACTURE BY INDUSTRIES BASED ON ANNUAL SURVEY OF INDUSTRIES, 1975-76. (P).

(RS. IN LAKHS.)

N.I.C. Code groups.	*Industry.*	*Value of Output.*	*Value added by manufacture.*
(1)	(2)	(3)	(4)
20–21	Manufacture of Food Products	34,820	4,268
22	Manufacture of Beverages, Tobacco and Tobacco Products	16,434	1,581
23	Cotton Textiles	45,923	7,529
24	Manufacture of Wool, Silk and Synthetic Fibre Textiles	1,564	56
25	Manufacture of Jute Hemp and Mesta Textiles ..	4	4

Estimates of Out Put And Value Added By Manufacture By Industries Based On Annual Survey of Industries, 1975-76-1(P)—*Cont*.

(Rs. IN LAKHS.)

N.I.C. Code groups. (1)	*Industry.* (2)	*Value of output.* (3)	*Value added by manufacture.* (4)
26	Manufacture of Textile products(including wearing apparel other than footwear)	2,708	363
27	Manufacture of Wood and Wood products, furniture and fixtures	720	208
28	Manufacture of Paper and Paper products and Printing and Publishing and Allied industries ..	8,819	3,115
29	Manufacture of Leather, Leather and Fur products	12,497	1,384
30	Manufacture of Rubber, Plastic, Petroleum and Coal product	34,023	3,237

31	Manufacture of Chemicals and Chemical products (except Products of Petroleum and Coal) ..	32,381	6,330
32	Manufacture of Iron Metallic Mineral products..	11,700	2,615
33	Manufacture of Basic metal and Alloy industries..	10,898	1,882
34	Manufacture of Metal products and parts except Machinery and Transport equipment	5,000	1,486
35	Manufacture of Machine tools and parts except Electrical machinery	27,167	7,215
36	Manufacture of Electrical machinery, Apparatus Appliance and Supplies and parts	7,142	2,103
37	Manufacture of Transport equipments and parts.	26,037	7,539
38	Other Manufacturing industries	1,175	334
40	Manufacture of Electricity	16,460	2,360
41	Gas and Steam	41	10
42	Water Works and Supply	72	14

Estimates of Out Put And Value Added By Manufacture By Industries Based On Annual Survey of Industries, 1975-76-(P)—cont.

(Rs. in lakhs.)

N.I,C. Code groups. (1)	*Industry.* (2)	*Value of output.* (3)	*Value added by manufacture.* (4)
91	Sanitary Service	28	11
95	Recreational and Cultural services	281	123
96	Personal Services	40	19
97	Repair Services	5,445	1,750
	STATE	3,01,381	55,537

Source : Commissioner of Statistics.

State total do not tally with the group total due to rounding of figures.

TABLE 10.3.

INDUSTRIAL PRODUCTION IN TAMIL NADU DURING 1977.

Serial number and Item of product. (1)	*Unit of quantity.* (2)	*Production.* (3)
1 Sugar (Refined)	Tonne	290,217
2 Vanaspathy	Tonne	10,240
3 Salt	Tonne	19,42,937
4 Refined Oil	Tonne	4,757
5 Tea (Processed)	Tonne	68,148
6 Cotton yarn	Kg.	1,77,503
7 Cotton Woven piece goods	'000' metres	1,51,333
8 Tyres	Number	74,62,966

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INDUSTRIAL PRODUCTION IN TAMIL NADU DURING 1977—*cont.*

Serial number and Item of product. (1)		*Unit of quantity.* (2)	*Production.* (3)
9	Tubes	Number	59,99,380
10	Superior Kerosene	Tonne	3,32,495
11	High Speed Diesel Oil	Tonne	5,39,790
12	Ammonium sulphate	Tonne	Nil
13	Urea	Tonne	6,72,065
14	Super Phosphate	Tonne	1,43,640
15	Mixed Fertilisers	Tonne	6,31,321
16	Pesticides	Tonne	19,368
17	Caustic Soda	Tonne	76,233

18	Paints and Enamels	Kg.	40,12,057
19	Safety Matches	Gross boxes	6,47,94,342
20	Soap	Tonne	8,852
21	Cement	Tonne	31,45,193
22	Asbestos Cement Products	Tonne	67,686
23	Iron and Steel (Metal)	Tonne	96,895
24	Cold Rolled Steel strips	Tonne	26,543
25	Castings (Iron and Steel)	Tonne	40,694
26	Structurals and fabrications	Tonne	21,081
27	Welded Steel Tubes	Metre	3,09,93,964
28	Non-ferrous metals	Tonne	21,054
29	Tractors	Numbers	5,811
30	High Pressure Boilers and fittings	Tonne	72,495

Industrial production in Tamil Nadu during 1977—*cont.*

Serial number and Item of product.	*Unit of quantity.*	*Production*
(1)	(2)	(3)
31 Diesel Engines	Number	45,957
32 Textile Machinery (Frames)	Number	5,90,158
33 Power Driven pumps	Number	1,60,825
34 Metal cutting tools	Number	63,98,950
35 Transformers	KVA	7,81,547
36 Electric Motors	Number	1,21,993
37 Insulated wire	Kg.	16,54,992
38 Batteries	Number	2,65,911
39 Dry cells	Number	6,79,40,000

40	Manufacture of Radio, and Television transmitting and receiving sets.	Number	3,004
41	Teleprinters	Number	5,647
42	Railway Coaches	Number	650
43	Motor Vehicle Chassis	Number	7,877
44	Motor cycles	Number	10,982
45	Bicycles]	Number	3,26,331

Source: Commissioner of Statistics Madras

TABLE 10·4

PRODUCTION AND VALUE OF MINERALS IN TAMIL NADU DURING 1977 (P) BY DISTRICTS

State.	*Minerals.*	*District.*	*Quantity.*	*Value.*
			TONNES.	RS. IN '000
Tamil Nadu ..	Barytes ..	Madurai	565	40
	Bauxite	Salem	59,927	1,797
	Clay (Others) ..	Chengalpattu ..	455	2
		South Arcot ..	3,139	22
		Tiruchirapalli ..	3,730	25
	Felspar	Coimbatore ..	3,107	62
		Tiruchirapalli ..	7,299	154
	Fireclay	South Arcot ..	16,113	239
		Tiruchirapalli ..	13,052	143

Garnet (Abrasive) Recovered from beach sand.	Kanniyakumari ..	1,273	153
Graphite	Madurai	130	7
Gypsum	Coimbatore ..	60,725	1,932
	Tiruchirapalli ..	15,342	662
	Tirunelveli ..	589	24
Kaolin (Procesed)	South Arcot ..	2,616	785
,, (Natural)	Tiruchirapalli ..	332	3
Lignite	South Arcot ..	35,98,580	1,64,063
Limestone	Coimbatore ..	5,67,630	11,728
	Dharmapuri ..	104	3
	Madurai ..	4,89,518	5,341
	Ramanathapuram ..	9,39,720	19,541

Production And value of minerals in Tamil Nadu during 1977 (P)—*cont.*

State. (1)	*Minerals.* (2)	*District.* (3)	*Quantity.* (4)	*Value.* (5)
			TONNES	RS '000
		Salem	8,79,898	16,153
		Tiruchirapalli ..	8,28,656	12,902
		Tirunelveli	6,99,021	14,166
	Limeshell ..	Chengalpattu ..	1,777	99
	Magnesite	Salem	3,30,142	46,124
	Mica (crude) ..	Nilgiris	19	24
	,, Waste ..	Nilgiris	7	N.A.
	Quartz	Coimbatore ..	5,670	85
		Dharmapuri ..	2,081	18

	Salem	506	7
	Tiruchirapalli	3,118	52
Sillimanite	Kanniyakumari	21	15
	Tiruchirapalli	220	50
Sulphur	Chengalpattu	7,124	4,291
Vermiculite	North Arcot	384	52

Source: Controller, Indian Bureau of Mines, Nagpur.

TABLE 10·5

PRODUCTION OF HANDLOOM CLOTH—1977–78.

in '000' METRES.

Variety of Cloth. (1)		Production. (2)
A. Cotton	1 Dhoties	98,980
	2 Sarees	93,487
	3 Towels	1,11,175
	4 Hand Kerchiefs	5,489
	5 Lungies	74,996
	6 Bed spreads	26,392
	7 Angavastrams	3,795

	8	Shirtings	52,740
	9	Coatings	765
	10	Gada	16,233
	11	Carpet	12,720
	12	Curtain cloth	2,301
	13	Pillow covers	2,407
	14	Dhavani	5,873
	15	Others	11,308
		Total	5,18,661
B. Silk	1	Dhoties	392
	2	Sarees	3,342
	3	Angavastrams	72
	4	Dhavani	225

Production of Handloom Cloth 1977-78-*cont*.

in '000' Metres.

Veriety of Cloth. (1)		*Production.* (2)
B. Silk—*cont*.	5 Others	91
	Total	4,122
C. Art silk	1 Dhoties	251
	2 Sarees	29,938
	3 Lungies	1,797
	4 Dhavani	1,311
	5 Others	1,115
	Total	34,412

D. Mixture of Art silk and Cotton.	1	Dhoties ..	186
	2	Sarees ..	33,534
	3	Others ..	1,427
		Total ..	35,147
		Grand Total ..	5,92,342

Source : Commissioner of Statistics, Madras.

TABLE 10·6..

SMALL SCALE INDUSTRIES=1977.

(AS ON 31 -12-1977.)

Code number.	*Classification of the Industry.*	*number of units.*
(1)	(2)	(3)
20–21	Food Products	1,491
22	Beverage and Tobacco Products	127
23	Cotton Textiles	799
24	Wool Silk synthetic fibre	142
25	Jute and Hemp Products	4
26	Textile Products	1,156
27	Wood Products	620

28	Paper products	1,345
29	Leather products	427
30	Rubber plastics	1,158
31	Chemical Products	2,466
32	Non-Metalic	942
33	Basic metals and alloys	903
34	Metal products	4,095
35	Machine tools	1,080
36	Electrical machinery and equipments	467
37	Transport equipment	717
38	Other manufacturing industries	745
		18,884

Source : Director of Industries and Commerce, Madras.

TABLE 10.7.

KHADI AND VILLAGE INDUSTRIES, 1977-78.

	Serial Number and Khadi and Village Industries Units. (1)	*Number.* (2)
1	Khadi Main Centres	20
2	Khadi sub-Centres	104
3	Khadi silk production main centre	1
4	Khadi silk production sub-centres	9
5	Khadi Krafts	155
6	Rural Textile centres	305
7	Village Industries units	164
8	Rural Fabric centres	3
9	Dyeing, bleaching and printing units.	2
10	Tailoring Units	3
11	Quilt Centres	1

PRODUCTION

Item	*Quantity.*	*Value* (RS. IN LAKHS.)
(*a*) Yarn (in lakh metres)—		
(i) Traditional	15·66	15·26
(ii) Ambar	18·10	11·77
(iii) Textool	257·72	1,82·10
(*b*) Cloth in lakh metres—		
(i) Cotton]	57·71	4,50·14
(ii) Silk	1·21	60·95
(iii) Woollen	..	..
(*c*) Village Industries products—		1925·53
Sales		
(i) Khadi		607·53
(ii) Village Industries products		2,179·59

Source : Chief Executive Officer, Tamil Nadu Khadi and Village Industries Board Madras.

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XI. FACTORIES

TABLE 11·1.

FACTORIES—REGISTERED AND WORKING—1977.

	Item. (1)	Number. (2)
1	Factories on the register at the begining of the year	8,001
2	Factories added during the year	860
3	Factories removed during the year	355
4	Factories on the register at the end of the year	8,506
5	Working Factories	7,705

Source : Commissioner of Labour, Madras.

TABLE 11·2

EMPLOYMENT IN WORKING FACTORIES—1977.

Item. (1)	*Number.* (2)
1 Total Number of Working Factories	7,669
2 Number of factories reporting	6,864
3 Number of workers employed in all the factories submitting returns	4,79,676
4 Estimated number of workers in factories not submitting returns.	43,734
5 Estimated total number of workers employed in all factories	5,23,410
6 Number of mandays worked during the year	134,965,147
7 Average daily number of workers employed—	
Adults : Men	3,88,084
Women	84,467

EMPLOYMENT IN WORKING FACTORIES—1977—*cont.*

Item.	*Number.*
(1)	(2)
Adolosecents : Males	675
Females	3,765
Children : Boys	442
Girls	2,243
8 Registered trade union as on 31—12—1977	2,550
9 Strikes and lockouts	298

Source : Commissioner of Labour, Madras.

XII. JOINT STOCK COMPANIES

TABLE 12·1.

JOINT STOCK COMPANIES AS ON 31–3–78.

Item. (1)	*Public.* (2)	*Private.* (3)
1 Companies limited by shares—		
(i) Number	863	3,278
(ii) Paid up capital (Rs. in lakhs)	N.A.	N.A.
2 Companies limited by guarantee and association not for profit—		
(i) Number	136	30
(ii) Paid up capital (Rs. in lakhs)	N.A.	N.A.

Source : Registrar of companies, Madras.

XIII. VITAL STATISTICS

TABLE 13·1.

BIRTHS AND DEATHS—1976.

Serial number and districts. (1)	*Mid Year Estimated population.* (2)	*Births.* (3)	*Birth Rate.* (4)
1 Madras	2,861,000	91,914	32·13
2 Chengalpattu	3,284,000	61,396	18·76
3 North Arcot	4,078,000	1,03,755	25·44
4 South Arcot	3,919,000	78,241	19·96
5 Thanjavur	3,828,000	83,375	21·78
6 Tiruchirapalli	3,470,000	74,178	21·38
7 Pudukkottai	1,035,000	17,441	16·53

8 Madurai	4,323,000	104,765	24·23
9 Ramanathapuram	3,092,000	65,792	21·28
10 Tirunelveli	3,449,000	84,108	24·39
11 Salem	3,268,000	67,759	20·73
12 Dharmapuri	1,861,000	37,827	20·33
13 Coimbatore	4,805,000	100,842	20·99
14 The Nilgiris	539,000	12,808	23·76
15 Kanniyakumari	1,342,000	37,062	27·62
Total ..	45,173,000	1,021,263	22·61

Source : Director of Public Health and Preventive Medicine, Madras.

BIRTHS AND DEATHS—1976—*cont.*

Serial number and districts.	*Deaths.*	*Death Rate.*	*Infant Deaths.*	*Infant Mortality Rate.*
	(5)	(6)	(7)	(8)
1 Madras	33,649	11·76	7,757	84·39
2 Chengalpattu	25,456	7·75	3,038	49·48
3 North Arcot	36,118	8·86	5,016	48·34
4 South Arcot	27,004	6·89	3,175	40·58
5 Thanjavur	32,734	8·55	3,070	36·82
6 Tiruchirapalli	32,129	9·26	3,418	46·08
7 Pudukkottai	6,275	5·95	472	27·06
8 Madurai	34,031	7·87	4,803	45·85

9 Ramanathapuram	23,001	7·44	2,624	39·88
10 Tirunelveli	29,822	8·65	3,849	45·76
11 Salem	23,470	7·18	3,145	46·41
12 Dharmapuri	12,046	6·47	1,304	34·47
13 Coimbatore	31,890	6·64	4,178	41·43
14 The Nilgiris	3,285	6·09	756	59·03
15 Kanniyakumari	11,011	8·20	2,025	54·64
Total	3,619,21	8·00	48,630	47·62

Source : Director of Public Health and Preventive Medicine, Madras.

TABLE 13·2.

DEATH BY CAUSES—1976.

Cause. (1)	*Number.* (2)
1 Cholera	134
2 Smallpox	..
3 Malaria	..
4 Plague	..
5 Other fevers	69,105
6 Dysentery and Diarrhoea	21,880
7 Respiratory diseases	34,600
8 Injuries	9,134
9 Other causes	2,27,068
Total	3,61,921

Source : Director of Public Health and Preventive Medicine, Madras.

TABLE 13·3.

Expectation of Life at Birth.

Period.	*Tamil Nadu.*		*India.*	
	Males.	*Females.*	*Males.*	*Females.*
(1)	(2)	(3)	(4)	(5)
1955–60	40·7	38·8	41·9	40·6
1961–65	46·5	45·6	48·7	47·4
1966–70	52·0	50·1	53·2	51·9
1971–75	56·1	54·2	57·3	56·0
1976–80	59·9	58·0	61·1	59·8
1981–85	60·9	59·0	63·1	61·8

Source : Report on the population projections worked out by the Expert Committee set-up by the planning Commission.

XIV. MEDICAL AND HEALTH.

TABLE 14·1.

HOSPITALS, DISPENSARIES AND BED STRENGTH—1977–78.

Classification.	*Modern medicine.*	*Indian Medicine.*					*Homeo-pathy.*	*Grand Total.*
		Ayur-vedic.	*Siddha.*	*Unani.*	*Ayur-vedic, Siddha, Unani combined.*	*Total.*		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1 Hospitals	347	..	1	..	1	2	1	350
2 Dispensaries	644	129	531	18	..	678	..	1,322
3 Primary Health Centres.	383	..	..	..	..	..	..	383

4	Maternity and Child health centres.	3,866	..	..	..	..	..	..	3,866
5	Other medical institutions.	165	..	..	..	..	..	..	165
6	Bed strength	48,171	..	698	..	150	848	25	49,044

Source: Heads of departments Concerned.

TABLE 14·2.

REGISTERED MEDICAL PERSONNEL BY CATEGORIES—1977—78.

(As on 31st March 1978.)

Class of Medical personnel. (1)	Number. (2)
1 Registered Doctors (Modern Medicine)	26,956
2 Registered Doctors (Indian Medicine)	24,129
3 Registered Doctors (Homoeopathy)	15,027
4 Registered Dentists	536
5 Registered Nurses	20,728
6 Registered Midwives	28,112
7 Registered Auxiliary Nurse Midwives	3,724

8	Registered Pharmacists	9,511
9	Registered Health Visitors	248

Source : Registrars of respective councils, Madras.

XV. FAMILY WELFARE.

TABLE 15·1.

PROGRESS OF FAMILY WELFARE PROGRAMME 1977—78. (P)

Method.	*Progress during 1977—78.*		*Percentage column (3) to column (2).*	*Cumulative performance.*	*Performance per 1000 population (1971 census).*
	Target.	*Achievement.*			
(1)	(2)	(3)	(4)	(5)	(6)
Sterilisation	3,50,000	1,01,601	29·02	27,72,856	67·3
I.U.D.	35,500	21,743	61·24	3,33,814	8·1
Users of Conventional Contraceptives.	2,21,800	85,012	38·32	..	..

Total ..	6,07,300	2,08,356	34.3	..	..

Source : Director of Health Services and Family Welfare, Madras.

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TABLE 15·2.

PROGRESS OF FAMILY WELFARE PROGRAMME BY DISTRICTS, 1977-78. (P)

District.	*Number of institutions.*	*Sterilisation.*	
		Target.	*Achievement.*
(1)		(2)	(3)
1 Chengalpattu	55	17,500	1,878
2 Coimbatore	124	37,600	13,444
3 Dharmapuri	32	13,600	4,621
4 Kanniyakumari	49	11,800	8,543
5 Madurai	72	39,800	14,408
6 The Nilgiris	16	5,900	1,996
7 North Arcot	60	22,100	6,002

8 Ramanathapuram	67	18,000	4,335
9 Salem	69	22,200	10,020
10 South Arcot	72	26,000	3,668
11 Thanjavur	70	39,400	7,110
12 Tiruchirappalli	74	39,800	6,087
13 Tirunelveli	54	29,300	3,491
14 Madras City	48@	27,000	15,998
Total ..	862	3,50,000	1,01,601

@ Two centres are static units.

PROGRESS OF FAMILY WELFARE PROGRAMME BY DISTRICTS—1977–78—(P)—*cont.*

District.	*I.U.D.*		*Users of Conventional Contraceptives.*	
	Target.	*Achievement.*	*Target.*	*Achievement.*
(1)	(4)	(5)	(6)	(7)
1 Chengalpattu	2,506	327	15,700	2,274
2 Coimbatore	3,768	1,558	23,600	8,072
3 Dharmapuri	1,446	809	9,000	699
4 Kanniyakumari	1,053	216	6,600	2,646
5 Madurai	3,393	2,424	21,200	5,560
6 The Nilgiris	426	124	2,600	830
7 North Arcot	3,236	730	20,200	1,604
8 Ramanathapuram	2,464	671	15,400	2,375

9 Salem	2.580	1,943	16,100	6,944
10 South Arcot	3,117	984	19,500	6,056
11 Thanjavur	3,309	1,442	19,100	10,113
12 Tiruchirappalli	3,316	3,301	22,300	20,150
13 Tirunelveli	2,758	1,212	17,200	7,655
14 Madras City	2,128	6,002	13,300	10,034
Total ..	35,500	21,743	2,21,800	85,012

Source : Director of Health Services and Family Welfare, Madras.

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XVI. EDUCATION.

TABLE 16·1.

UNIVERSITY STUDENTS AND TEACHERS, 1977-78.

Name of the University.	*Number of Institution.*	*Strength.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras University ..	1	2,202	684	2,886	343
2 Annamalai University ..	1	5,488	1,089	6,577	385
3 Madurai University ..	1	386	255	641	85
4 Agricultural University ..	1	2,393	39	2,432	640

Source : Respective Universities.

TABLE 16·2.

COLLEGES FOR GENERAL EDUCATION STUDENTS AND TEACHERS 1977-78.

Type of the institution.	Number of Institutions.	Total strength.			Teachers.
		Boys.	Girls.	Total.	
(1)	(2)	(3)	(4)	(5)	(6)
1 College for Boys	136	1,45,227	6,899	1,52,126	8,641
2 College for Girls	52	..	56,785	56,785	3,333
3 Annamalai University ..	1	2,633	484	3,117	..

Source : 1. Director of Collegiate Education, Madras.
2. Registrar, Annamalai University.

TABLE 16·3.

COLLEGES FOR PROFESSIONAL EDUCATION STUDENTS AND TEACHERS, 1977-78.

Type of the institution.	Number of Institutions.	Strength.			Teachers.
		Boys.	Girls.	Total.	
(1)	(2)	(3)	(4)	(5)	(6)
1. Medicine—					
Modern Medicine—					
(i) M. B., B. S. and Post Graduate Courses.	9	6,121	3,029	9,150	1,767
(ii) B. D. S. and Allied Courses.	1	174	66	240	..
(iii) Indian Medicine ..	1	200	67	267	33
(iv) Homoeopathy ..	1	75	46	121	17

2 Engineering and Technology.	12	13,096	440	13,536	..
3 Law	2	3,247	258	3,505	79
4 Agriculture	4	1,986	13	1,999	..
5 Veterinary	1	870	14	884	205
6 Teachers Training ..	24	1,660	1,723	3,383	..
7 Physical education ..	4	261	116	377	..
8 Technical Teachers Training.	1	69	10	79	34
9 Nursing	2	7	243	250	..
10 Arts and Crafts	2	230	41	271	..
11 Music	2	94	209	303	..

(*Source* : Heads of departments concerned)

TABLE 16·4.

COLLEGES FOR SPECIAL EDUCATION, STUDENTS, AND TEACHERS 1977–78.

Type of the Institution.	*Number of Institutions.*	*Total strength.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Oriental Studies ..	16	1,052	645	1,697	..
2 Social Education ..	2	124	42	166	16
3 Rural Education ..	2	501	118	619	75
4 Ayurvedic	1	20	2	22	8

Source: 1. Director of Collegiate Education, Madras.
2. Registrar, Annamalai University.

TABLE 16·5.

SCHOOL FOR GENERAL EDUCATION, STUDENTS AND TEACHERS, 1977–78.

Type of the Institution.	*Number of Institutions.*	*Total strength.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Preprimary Schools ..	43	2,571	2,222	4,793	116
2 Primary Schools ..	27,395	2,302,550	1,841,720	4,144,270	111,184
3 Anglo-Indian Primary Schools.	3	549	416	965	26
4 Middle Schools	5,706	1,385,591	1,050,520	2,436,111	67,768
5 High Schools (Indian) ..	2,913	1,112,554	612,965	1,725,519	68,698
6 Matriculation Schools ..	32	12,363	16,862	29,225	1,519

SCHOOLS FOR GENERAL EDUCATION, STUDENTS AND TEACHERS 1977–78—*cont.*

Type of the Institution. (1)	*Number of Institutions.* (2)	*Total strength.* *Boys.* (3)	*Girls.* (4)	*Total.* (5)	*Teachers.* (6)
7 Anglo-Indian High Schools	41	15,734	16,427	32,161	1,021
8 Central Schools	11	5,958	4,352	10,310	412
9 Schools affiliated to Central Board of Secondary education.	46	22,033	9,947	31,980	1,094
10 Schools affiliated to the Council of Indian School Certificate.	15	3,913	2,235	6,148	295

(*Source*: Director of School Education, Madras.)

TABLE 16·6.

SCHOOLS FOR PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS. 1977–78.

Type of the Institution.	*Number of Institutions.*	*Total strength.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Music Schools	3	18	191	209	43
2 Crafts School	1	31	385	416	12
3 Training Schools for Men	29	713	17	730	150
4 Training Schools for Women.	46	..	1,203	1,203	164
5 Pre-Primary Training Schools.	4	..	317	317	7

(*Source* : Director of School Education, Madras.)

TABLE 16·7.

SCHOOLS FOR SPECIAL EDUCATION, STUDENTS AND TEACHERS, 1977–78.

Type of the Institution.	*Number of Institutions*	*Total strength.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Oriental High Schools ..	17	2,576	1,298	3,874	189
2 Oriental Middle School..	1	10	3	13	4
3 Schools for Handicapped—					
(*a*) Schools for Blind ..	17	765	332	1,097	253
(*b*) School for Blind and Deaf.	1	10	3	13	4
(*c*) Schools for Deaf and Dumb.	17	1,311	763	2,074	122

(*d*) Schools for Ortho-paedic.	6	202	103	305	13
(*e*) School for mentally retarded.	1	125	51	176	20
(*f*) Schools for Leper ..	3	205	85	290	10
(*g*) Reformatory Schools—					
(i) Reformatory/Jail Schools.	14	3,334	564	3,898	171
(ii) Service Homes.	7	..	174	174	31

Source : Director of School Education, Madras.

TABLE 16·8.

INSTITUTION FOR OTHER PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS 1977–78.

Type of the Institution.	*Number of Institutions*	*Total strength.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Polytechnic for Men ..	27	4,094	66	4,160	1,007
2 Polytechnic for Women..	3	..	420	420	115
3 Film Technology ..	1	68	..	68	20
4 Industrial Schools ..	67	1,764	810	2,574	235
5 Technical Training centre.	9	347	..	347	37
6 Industrial Training Institute.	32	12,100	281	12,381	1,070
7 Leather Technology ..	1	86	..	86	12

8 Printing Technology ..	1	320	..	320	30
9 Architecture and Sculpture.	1	93	..	93	11
10 Chemical Technology ..	1	385	48	433	..
11 Textile Technology ..	1	93	..	93	12
12 Commerce Education ..	1	147	4	151	15
13 Catering Technology ..	1	385	48	433	..
14 M and B Pharmacy and D Pharmacy.	2	481	97	578	..
15 Sanitary Inspector's Course.	5	332	15	347	..
16 Certified Radiological Assistants Course.	2	33	3	36	..
17 Dark Room Assistants Course.	2	32	4	36	..

(*Source* : Heads of Departments/Institutions concerned).

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XVII. TRANSPORT AND COMMUNICATIONS.

TABLE 17·1

LENGTH OF ROADS, 1976–77 (P).

(in kilometres.)

District/State.	Surfaced Road. Cement concrete.	Surfaced Road. Bituminous.	Surfaced Road. Water bound macadam.	Surfaced Road. Total.	Unsurfaced road.	Grand total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Madras ..	130	1,222	22	1,374	20	1,394
2. Chengalpattu	20	2,739	1,337	4,096	4,007	8,103
3. North Arcot ..	97	2,766	1,576	4,439	4,550	8,989
4. South Arcot ..	43	2,708	1,925	4,676	2,990	7,666

5. Tiruchirappalli	70	1,829	1,059	2,958	2,840	5,798
6. Pudukkottai ..	18	1,657	1,141	2,816	3,524	6,340
7. Thanjavur ..	39	2,837	2,509	5,385	3,421	8,806
8. Madurai ..	109	2,868	2,207	5,184	3,212	8,396
9. Ramanathapuram.	155	2,522	1,665	4,342	2,443	6,785
10. Tirunelveli ..	164	2,867	2,038	5,069	1,889	6,958
11. Kanniyakumari	52	886	906	1,844	861	2,705
12. Salem	108	2,412	1,958	4,478	2,253	6,731
13. Dharmapuri ..	41	1,528	1,729	3,298	1,753	5,051
14. Coimbatore ..	139	4,732	4,761	9,632	4,584	14,216
15. The Nilgiris ..	11	1,026	663	1,700	1,012	2,712
State ..	1,196	34,599	25,496	61,291	39,359	100,650

(*Source*: Heads of departments concerned.)

TABLE 17·2

RAILWAY LENGTH FALLING IN TAMIL NADU.

(as on 31st March 1978.)

Item.	*Broad gauge.*	*Metre gauge.*	*Narrow gauge.*	*Total.*
(1)	(2)	(3)	(4)	(5)
Route Length (in km).	876·06	2,881·34	..	**3,757·40**
Track Length (in km.)	2,469·49	3,919·90	..	**6,389·39**

(*Source* : General Manager, Southern Railway).

TABLE 17·3

REGISTERED MOTOR VEHICLES BY DISTRICTS 1977-78. (P)

Transport (Commercial) Vehicles on Road.

District.	*Stage carriages.*	*Autorick-shaws.*	*Ordinary taxis.*	*Tourist taxis.*	*Luxury coaches and omni buses.*	*Private Trans-port vehicles.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Madras	3,022	1,518	2,496	2,569	65	122
Chengalpattu ..	228	22	19	..	5	9
Coimbatore ..	1,177	1,957	864	..	..	49
Dharmapuri ..	283	16	10	..	4	3

REGISTERED MOTOR VEHICLES BY DISTRICTS—1977-78 (P)—*cont.*

Transport (Commercial) Vehicles on Road—*cont.*

District.	*Stage carriages.*	*Autorick-shaws.*	*Ordinary taxis.*	*Tourist taxis.*	*Luxury coaches and omni buses.*	*Private Trans-port vehicles.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Kanniyakumari	260	55	541	..	1	9
Madurai ..	808	141	393	..	2	51
North Arcot ..	574	94	86	..	1	18
Pudukkottai ..	157	8	35	..	..	..
Ramanathapuram	436	14	135	..	..	39
Salem	545	428	210	..	32	33

South Arcot ..	397	23	26	..	..	9
Thanjavur ..	557	31	141	..	..	16
The Nilgiris ..	164	11	312	..	3	34
Tiruchirappalli ..	526	444	211	..	5	36
Tirunelveli ..	522	108	395	..	..	35
Total ..	9,656	4,870	5,874	2,569	118	463

REGISTERED MOTOR VEHICLES BY DISTRICTS—1977-78 (P)—*cont.*

TRANSPORT (COMMERCIAL) VEHICLES ON ROAD—*cont.*

District.	*Goods vehicles (Trucks) (Public).*	*Goods vehicles (Trucks) (Private).*	*Goods vehicles (Total).*	*Tractors (Public).*
	(8)	(9)	(10)	(11)
Madras	4,476	901	5,377	97
Chengalpattu ..	883	265	1,148	5
Coimbatore	3,917	335	4,252	21
Dharmapuri	278	25	303	1
Kanniyakumari ..	456	88	544	..
Madurai	1,523	224	1,747	31

North Arcot	1,335	110	1,445	31
Pudukkottai	239	18	257	13
Ramanathapuram ..	501	81	582	2
Salem	2,088	139	2,227	51
South Arcot	565	83	648	294
Thanjavur	464	104	568	13
The Nilgiris	509	151	660	..
Tiruchirappalli ..	1,615	166	1,781	56
Tirunelveli	1,111	219	1,330	10
Total ..	19,960	2,909	22,869	625

REGISTERED MOTOR VEHICLES BY DISTRICTS—1977-78 (P)—*cont.*

TRANSPORT (COMMERCIAL) VEHICLES ON ROAD—*cont.*

District.	*Tractors (Private).*	*Tractors. (Total).*	*Other vehicles.*	*Grand total.*
(1)	(12)	(13)	(14)	(15)
Madras	54	151	310	15,630
Chengalpattu ..	346	351	354	2,136
Coimbatore ..	960	981	1,018	10,298
Dharmapuri	134	135	136	890
Kanniyakumari ..	44	44	44	1,498
Madurai	654	685	768	4,595
North Arcot	373	404	475	3.097

Pudukkottai	67	80	82	619
Ramanathapuram ..	219	221	246	1,673
Salem	443	494	536	4,505
South Arcot	975	1,269	1,356	3,728
Thanjavur	686	699	700	2,712
The Nilgiris	96	96	110	1,390
Tiruchirappalli ..	325	381	416	3,800
Tirunelveli	245	255	294	2,939
Total ..	5,621	6,246	6,845	59,510

REGISTERED MOTOR VEHICLES BY DISTRICTS—1977-78 (P)—*cont.*

NON-TRANSPORT (NON-COMMERCIAL) MOTOR VEHICLES ON ROAD—1977-78.

District.	*Motor cycles, Scooters and Mopeds.*	*Motor cars.*	*Station wagons.*	*Jeeps.*
(1)	(2)	(3)	(4)	(5)
Chengalpattu ..	1,566	788	56	185
Coimbatore ..	21,515	10,031	55	453
Dharmapuri	1,197	355	25	69
Kanniyakumari ..	1,357	860	16	69
Madras	40,765	27,795	(including station wagons and Jeeps).	

Madurai	8,189	3,653	16	242
North Arcot	4,383	1,333	36	104
Pudukkottai	534	317	..	37
Ramanathapuram ..	2,507	1,182	10	95
Salem	8,673	2,586	64	209
South Arcot	3,128	935	42	185
Thanjavur	4,129	1,428	16	21
The Nilgiris	992	980	33	536
Tiruchirappalli ..	6,698	2,196	49	146
Tirunelveli	3,420	2,341	119	344
Total ..	109,053	56,780	537	2,695

REGISTERED MOTOR VEHICLES BY DISTRICTS—1977-78—*cont.*

Non-Transport (Non Commercial) Motor Vehicles on Road 1977-78.

District,	*Goods Vehicles L.M.V.*	*Tractors.*	*Others.*	*Total.*
(1)	(6)	(7)	(8)	(9)
Chengalpattu ..	24	384	61	3,064
Coimbatore ..	400	182	401	33,037
Dharmapuri	24	17	17	1,704
Kanniyakumari ..	31	1	17	2,351
Madras	1,457	13	220	70,250
Madurai	385	3	62	12,550

North Arcot	66	5	17	5,944
Pudukkottai	33	10	12	943
Ramanathapuram ..	32	10	34	3,870
Salem	48	701	192	12,473
South Arcot	86	322	43	4,741
Thanjavur	63	468	26	6,151
The Nilgiris	155	38	94	2,828
Tiruchirappalli ..	161	40	69	9,359
Tirunelveli	432	94	37	6,787
Total[6] ..	3,397	2,288	1,302	176,052

(*Source* : Transport Commissioner, Madras).

TABLE 17·4

ROAD ACCIDENTS IN MADRAS CITY—1977.

1. Accidents in Madras City	5,178
2. Persons killed	199
3. Persons injured	3,737
4. Motor vehicles involved in accidents	4,960
5. Unknown vehicles (hit and run vehicles) with no witness to the accident.	66

((*Source* : Deputy Commissioner of Police (Traffic), Madras).)

TABLE 17.5.

PORT DEVELOPMENT—1977–78.

1 Major Ports	1
2 Intermediate ports	3
3 Minor Ports	5

VESSELS ENTERED AND CARGO HANDLED.

Name of the Port.	*Vessels entered*	*Cargo handled (Tonnes).*
(1)	(2)	(3)
Madras	956	81,02,120·0
Tuticorin	106	8,53,574·0
Cuddalore	..	..
Nagapattinam	47	21,639·4

Port Development—1977-78—cont.

Vessels Entered And Cargo Handled.

Name of the port.	*vessels entered.*	*Cargo handleed (Tonnes).*
(1)	(2)	(3)
Kiḷakarai	2	3,410.0
Rameswaram	106	1,039.6
Pamban	23	2,587·0
Colachel	6	58,080·0
Kanniyakumari	..	..

Source : Madras Port Trust.
Tuticorin Port Trust.
State Port Officer, Madras.

TABLE 17·6.

INLAND WATER TRANSPORT—1976–77.

Name of Canal.	Length of canal open for navigation.	Total number of boats playing for cargo.	Total number of boats playing for passengers.	Quantity of cargo carried. (in tonnes.)	Value of cargo carried.	Number of passengers carried.	Quantity of cargo carried by rafting. (Tonnes.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	M F Ft.				RS P.		
1 Buckingham canal.	36 6 267 (North Buckingham canal).	323	..	1,12,592	1,53,107·60	..	76
2 Vedaranyam canal.	32½ miles	36	..	46	8,870	..	..

Source : Chief Engineer (Irrigation), Madras.

XVIII COMMUNICATIONS

TABLE 18·1.

Post and Telegraph Offices—1977–78.

Type.	Number.
(1)	(2)
1 Post and Telegraph Offices	2,303
2 Post Offices	11,314
3 Telegraph Offices	33

Source : Post Master-General, Tamil Nadu Circle, Madras.

TABLE 18.2.

TELEPHONES IN TAMIL NADU CIRCLE—1977–78.

Item.	*Madras Telephone District.*	*Coimbatore Telephone District.*	*Other Areas.*	*Total for Tamil Nadu Circle.*
(1)	(2)	(3)	(4)	(5)
Number of Exchanges ..	20	10	652	682
Number of Direct Exchange Lines.	68,261	11,442	87,878	1,67,581
Number of junction lines ..	4,956	453	1,394	6,803
Number of working lines ..	73,217	11,895	89,272	1,74,384
Number of telephones in use	1,07,949	14,911	1,03,219	2,26,079
Number of PBX and PABX ..	1,407	154	535	2,096

TELEPHONES IN TAMIL NADU CIRCLE—1977-78—*cont.*

Item.	*Madras Telephone District.*	*Coimbatore Telephone District.*	*Other Areas.*	*Total for Tamil Nadu Circle.*
(1)	(2)	(3)	(4)	(5)
Number of Extensions from direct exchange lines.	14,030	1,677	8,619	24,326
Number of Extensions from PBX and PABX	23,723	1,839	5,765	31,327
Number of Public call offices—Local.	527	127	2,177	2,831
Number of public call offices—Long distance.	..	2	581	583
Number of public call offices—Total.	527	129	2,758	3,414

Source : General Manager, Madras Telephones.
General Manager, Telecommunications, Madras.
District Manager, Coimbatore Telephones, Coimbatore.

TABLE 18·3.

BROADCAST RECEIVERS AND TELEVISIONS—1977.

Item.	*Number.*		
	Fresh.	*Renewals.*	*Total.*
(1)	(2)	(3)	(4)
1 Broadcast Receivers	567,696	1,803,983	2,371,679
2 Televisions	12,527	17,851	30,378

Source : Post Master-General, Tamil Nadu Circle, Madras.

XIX. CO-OPERATION.

TABLE 19·1.

NUMBER, MEMBERSHIP AND PAID-UP SHARE CAPITAL OF CO-OPERATIVE SOCIETIES 1976–77.

Type of Societies.	*Number of societies.*	*Membership.*	*Paid up share capital.*
(1)	(2)	(3)	(4)
			(RS. IN LAKHS.)
1 Tamil Nadu State Co-operative Bank	1	2,724	461·09
2 Tamil Nadu State Co-operative Land Development Bank.	1	344	748·43
3 Tamil Nadu Co-operative Marketing Federation.	1	126	219·83

4 Tamil Nadu Agro-Engineering and Service Co-operative Federation.	1	325	18·52
5 Tamil Nadu Consumers Co-operative Federation.	1	40	26·37
6 Tamil Nadu Co-operative Union ..	1	32	Not available
7 Co-operative Central Banks ..	16	3,35,346	2,778·03
8 Primary Land Development Banks	223	12,88,457	1,166·70
9 Agricultural Credit Societies ..	4,806	45,44,000	3,009·92
10 Co-operative Urban Banks	133	12,90,000	410·48
11 Co-operative Employees Credit Societies.	1,111	7,75,000	1,465·61
12 Co-operative Urban Credit Societies	87	40,000	137·07
13 Co-operative Joint and Collective farming Societies.	4	136	0·59
14 Co-operative Wholesale Stores ..	29	5,97,555	336·00

NUMBER, MEMBERSHIP AND PAID UP SHARE CAPITAL OF CO-OPERATIVE SOCIETIES 1976–77—*cont.*

Type of Societies.	*Number of societies.*	*Member-ship.*	*Paid up Share Capital.*
(1)	(2)	(3)	(4)
			(RS. IN LAKHS.)
15 Primary Co-operative Marketing Societies.	118	6,44,638	336.90
16 Primary Co-operative Stores ..	1,662	7,42,972	222·12
17 Co-operative Canteens and Restaurants.	84	47,135	3·51
18 Co-operative Printing Press ..	15	7,315	19,28
19 Labour Contract Societies	111	21,049	4·71

20	Co-operative Transport Societies ..	2	2,537	0·60
21	Salt Manufacturing Co-operative Societies.	12	1,914	1·42
22	Health Co-operative Societies	2	351	0·01
23	Tamil Nadu Agro–Engineering Service Co-operative Societies (Block and District level).	318	28,942	103·46
24	Tamil Nadu Handloom Weaver's Co-operative Societies.	1	994	262·96
25	Primary Weavers Co-operative Societies	881	194,000	403·37
26	District Handloom Federation	2	112	0·06
27	Co-operative Spinning Mills	12	..	800·61
28	Industrial Co-operative Societies ..	297	26,353	273·71
29	Co-operative Sugar Mills	9	90,137	12,33·23
30	Sheep Breeding Co-operative Societies ..	89	8,884	19·34

NUMBER, MEMBERSHIP AND PAID UP SHARE CAPITAL OF CO-OPERATIVE SOCIETIES 1976-77—*cont*.

Type of Societies.	*Number of Societies.*	*Membership.*	*Paid up Share Capital.*
(1)	(2)	(3)	(4)
			(RS IN LAKHS).
31 Cattle Breeding Co-operative Societies ..	7	Not Available.	
32 Poultry Breeders Co-operative Societies	124	8,320	1·69
33 Housing Co-operative Societies	1,215	3,43,711	757·04
34 Khadi and Village Industries Co-operative Societies.	3,113	2,94,002	62·59
35 Co-operative Milk Supply Unions ..	23	15,503	22·12
36 Co-operative Milk Supply Societies ..	2,894	5,85,950	150·78

37	Tenant Farming Societies	52	4,814	0·11
38	Gramdhan and Boodhan Societies ..	43	4,177	0·32
39	Co-operative Training Institutes	7	88	Not available.
40	Land Colonisation Societies	80	6,236	5·55
41	Hill Tribes Marketing Societies	5	2,868	0·23
42	Hair-dressing and Barbers Societies ..	12	1,671	0·65
43	District Washermen and Laundry Societies. ..	16	6,981	1·71
44	District and Taluk Unions	86	2,397	Not available.
45	Other Non-credit Societies	123	8,239	1·86
46	Farmers Service Co-operative Societies ..	12	35,000	26·71
47	Lamps (Large size multi-purpose Societies)	7	5,000	7·19
48	Lift Irrigation Societies	181	17,488	8·22
49	Thanjavur Co-operative Marketing Federation (Central).	1	3,646	79·91

NUMBER, MEMBERSHIP AND PAID UP SHARE CAPITAL OF CO-OPERATIVE SOCIETIES 1976–77—*cont.*

Type of Societies.	*Number of Societies.*	*Member-ship.*	*Paid up Share Capital.*
(1)	(2)	(3)	(4)
			(RS IN LAKHS).
50 Primary Fishermen Co-operative Societies	473	83,214	16·75
51 Fisheries Co-operative Societies	27	718	15·90
52 Co-operative Fish Marketing Unions ..	10	496	0·23
53 District Fishermen Co-operative Federation.	9	638	8·91

Source:—Registrar of Co-operative Societies and other heads of departments concerned.

TABLE 19·2

LOANS ADVANCED, OUTSTANDING AND OVER DUE OF CERTAIN CO-OPERATIVE CREDIT SOCIETIES—1976-77.

Name of Society.	*Loans advanced.*	*Loans outstanding.*	*Loans over due.*
(1)	(2)	(3)	(4)
	(Rs. in lakhs.)		
1 Tamil Nadu State Co-operative Bank.	22,881·00	13,743·00	91.00
2 Tamil Nadu State Co-operative Land Development Bank	1,914·00	13,679·00	1,013·00
3 Co-operative Central Banks (including cash credit) ..	49,027·00	23,927·00	1,976·00
4 Primary Land Development Bank ..	1,808·00	13,654·00	1,431·00
5 Agricultural Credit Societies including Lamp and FSS. ..	12,513·40	18,126·89	4,160·63

LOANS ADVANCED OUTSTANDING AND OVER DUE OF CERTAIN CO-OPERATIVE CREDIT SOCIETIES—1976-77—*cont.*

RS. IN LAKHS.

Name of Society.	*Loans advanced.*	*Loans out standing.*	*Loans over due.*
(1)	(2)	(3)	(4)
6 Co-operative Urban Banks	3,739·00	3,322·00	427·00
7 Co-operative Employees Credit Societies	10,502·00	7,502·00	191·00
8 Co-operative Urban Credit Societies.	74·44	155·33	60.97
9 Primary Marketing Societies ..	280·51	180·45	11·37
10 Milk Co-operative Societies ..	182·96	215·27	94·82
11 Poultry co-operatives	..	0·61	..
12 Sheep Breeding Co-operatives ..	54·59	48·86	5·80
13 Fisheries Co-operatives	10·10	117·55	50·97
14 Co-operative Housing Societies ..	538·77	2,974·98	97·84

Source : Register of Co-operative Societies

XX. REGISTRATION.

TABLE 20·1.

NUMBER OF REGISTRATION OFFICES, REGISTRATIONS AND AGGREGATE VALUE OF PROPERTIES TRANSFERRED—1977–78.

Serial number and District.	Number of Registration Offices.	Number of Registrations.	Aggregate Value of Properties transferred.	Receipt
(1)	(2)	(3)	(4)	(5)
			(RUPEES IN LAKHS).	
1 Ariyalur	16	50,519	881·35	8·07
2 Erode	15	24,038	1,577·60	13.33
3 Cuddalore	13	26,550	778·35	8·98
4 Kallakurichi	13	22,016	611.43	5.84

NUMBER OF REGISTRATION OFFICES REGISTRTIONS AND AGGREGATE VALUE OF PROPERTIES TRANSFERRED 1977—78—*cont.*

Serial number and District.	*Number of Registration Offices.*	*Number of Registrations.*	*Aggregate Value of Properties transferred.*	*Receipt.*
(1)	(2)	(3)	(4)	(5)
			(RS. IN LAKHS.)	
5 Kanniyakumari	18	45,961	1,206.77	11·95
6 Coimbatore	11	13,108	1,143.85	8·63
7 Chidambaram	11	22,781	789.64	7·10
8 Sivaganga	10	15,676	366.24	4·26
9 Chengalpattu	17	38,502	1,115.51	13.22
10 Cheyyar	10	18,253	571.88	5.71
11 Madras (South)	10	13,589	4,327.36	15.30

12 Madras (North)	11	19,785	7,148·13	26·07
13 Salem	14	24,181	1,589·43	13·06
14 Thanjavur	12	21,355	784·73	9·93
15 Dharmapuri	15	26,509	940·51	9·44
16 Dindigul	13	22,788	846·48	7·68
17 Tiruchirappalli	16	34,785	1,549·59	15·21
18 Tirunelveli	15	24,809	678·37	7·70
19 Tiruppur	12	22,587	1,444·63	12·05
20 Tiruvannamalai	11	19,509	657·78	6·32
21 Tuticorin	12	19,751	628·59	5·84
22 Tenkasi	14	25,399	602·57	5·82
23 Nagapattinam	11	20,297	710 38	6·84
24 Namakkal	14	18,517	1,139·62	8·93

NUMBER OF REGISTRATION OFFICES REGISTRATIONS AND AGGREGATE VALUE OF PROPERTIES TRANSFERRED 1977—78—*cont.*

Serial number and District.	*Number of Registration Offices.*	*Number of Registrations.*	*Aggregate Value of Properties. transferred.*	*Receipt.*
(1)	(2)	(3)	(4)	(5)
			(RS. IN LAKHS.)	
25 Pattukottai	9	16,543	546·77	4·90
26 Palani	10	14,280	612·02	5·06
27 Palayamcottai ..	13	22,896	623·98	5·97
28 Pudukkottai	10	13,883	345·42	3·24
29 Madurai	10	19,747	1,054·73	10·97
30 Mayuram	10	15,357	571·41	5·34
31 Ramanathapuram	11	19,847	385·68	4·17

32 Virudhunagar	14	27,416	1,208·11	7·61
33 Villupuram	13	27,243	801·08	7·84
34 Vellore	15	42,012	1,990·52	16·81
35 Periakulam	11	26,865	1,281.24	9·80
36 Karaikudi	10	13,984	304·11	3·22
37 Nilgiris (S.R.O.)	1	5,034	309.81	2.84
TOTAL ..	451	8,56,372	42,125·67	325.05

Source: Inspector General of Registration, Madras.

XXI. HINDU RELIGIOUS ENDOWMENTS.

TABLE 21·1.

INCOME FROM TEMPLES BY INCOME RANGE, 1977–78.

Income Range. (1)	*Number of Institutions.* (2)	*Annual Income.* (3)
		RS.
1 Below Rs. 1,000	15,011	1,20,58,800
2 Rs. 1,001 to Rs. 5,000	7,056	2,11,68,000
3 Rs. 5,001 to 20,000	1,930	2,89,50,000
4 Rs. 20,001 to Rs. 60,000	376	1,32,45,187
5 Rs 60,001 to Rs. 2,00,000	167	1,76,24,053
6 Over Rs. 2,00,000	65	4,74,49,603
Total	24,605	14,04,95,643

(*Source* : Commissioner for Hindu Religious and Charitable Endowments (Administration) Department, Madras.

XXII. COMMUNITY DEVELOPMENT.

TABLE 22·1.

COVERAGE OF COMMUNITY DEVELOPMENT PROGRAMME, 1977–78.

Item.	*Unit.*	*State.*	*Covered by the Community Development Programme.*	*Percentage.*
(1)	(2)	(3)	(4)	(5)
1 Blocks	No.	374	374	100·0
2 Area	sq. km.	130,069	112,099	86·0
3 Villages	No	17,500	16,616	95·0
4 Population	lakhs	412	321	78·0

(*Source* : Director of Rural Development, Madras.)

TABLE 22·2.

PHYSICAL ACHIEVEMENTS UNDER COMMUNITY DEVELOPMENT PROGRAMME, 1977–78.

Item. (1)	*Unit.* (2)	*Achievement.* (3)
I. Coverage—		
1 Number of Blocks reporting	No.	315 (Average)
II. Agriculture—		
2 Improved seeds distributed (cereals, pulses, Cotton, oilseeds and vegetable seeds).	Tonne.	8,700
3 Fertilisers distributed	000' tonne	325
4 Improved implements distributed	Rs. in lakhs.	10
5 Compost pits dug	000'	285
III. Animal Husbandry —		
6 Improved animals supplied	No.	5,400

7 Improved birds supplied	No.	115,000
8 Animals Castrated	000'	75
IV. Health and Rural Sanitation—		
9 Drinking water wells constructed ..	No.	760
10 Drinking water wells renovated	No.	1,010
11 Rural latrines constructed	No.	230
12 Pucca drainage constructed	Sq. metres.	2,900
V. Social Education—		
13 Adults made literate	No.	22,000
VI. Communication—		
14 New Kacha roads constructed	km.	390
VII Peoples' Contribution—		
15 Cash and other contributions	Rs. in lakhs.	85

(*Source*: Director of Rural Development, Madras.)

TABLE 22·3.

PROGRESS OF COMMUNITY DEVELOPMENT PROGRAMME, 1977–78.

Item.	*Unit.*	*Magnitude.*
(1)	(2)	(3)
1. Lenght of roads—		
(*a*) Panchayat Roads	kilo metre.	36,632
(*b*) Panchayat Union roads	Do.	31,775
2. Drinking water sources—		
(*a*) Overhead tanks and Automatio pressure tanks..	Number.	7,899
(*b*) Ground Level reservoirs		2,917
(*c*) Hand pumps		40,335
(*d*) Drinking Water wells		83,281

3. Agricultural depots	Number.	
(*a*) Main depot—*cum*-godowns		373
(*b*) Additional godowns		488
(*c*) Sub-depots		414
4. Veterinary dispensaries	Number.	
Dispensaries		547
Sub-centres		1,640
5. Fisheries	Number.	
Fish Nurseries		229
Fish Markets		59
Tanks used for fish rearings		880
6. Primary Health Centres	Number.	382
7. Maternity and Child Welfare Centres	Number.	2,806

PROGRESS OF COMMUNITY DEVELOPMENT PROGRAME, 1977-78—*cont.*

Item. (1)	*Unit.* (2)	*Magnitude.* (3)
8. Dispensaries	Number.	
(*i*) Modern Dispensaries		192
(*ii*) Ayurvedic Dispensaries		86
(*iii*) Siddha Dispensaries		335
(*iv*) Unani Dispensaries		9
Total Dispensaries		622
9. Panchayat Union Irrigation Tanks	Number.	23,424
Area covered	Hectares.	328,411
10. Panchayat Union Schools—		
(*i*) Elementary Schools	Number.	20,071
(*ii*) Higher Elementary Schools	Do.	3,123

11. Aided Schools—		
(i) Elementary Schools	Number.	4,040
(ii) Higher Elementary Schools	Do.	1,260
12. Panchayat Union School teachers—		
(i) Elementary Schools	Number.	68,612
(ii) Higher Elementary Schools	Do.	27,332
13. Aided School teachers—		
(i) Elementary Schools	Number.	20,581
(ii) Higher Elementary Schools	Do.	14,015
14. Number of students in Pahchayat Union Schools—		
(i) Elementary Schools	·000'	2,713
(ii) Higher Elementary schools	Do.	941
15. Number of students in Aided Schools—		
(i) Elementary Schools	·000'	792
(ii) Higher Elementary Schools	Do.	477

PROGRESS OF COMMUNITY DEVELOPMENT PROGRAMME, 1977–78—*cont.*

Item.	*Unit.*	*Magnitude.*
16. Social Education Centre	Number.	13,259
17. Mahalir Mandram	Do.	12,308
18. Kuzhanthaigal Kappagams	Do.	3,399
19. Youth Organisation Centres	Do.	4,416
20. Radio Rural Forums	Do.	13,734
21. Radio sets functioning	Do	41,060
22. Staff quarters—		
(i) For Block staff	Number.	1.285
(ii) For Gramasevaks	Do.	608

(iii) For women teachers	Do.	1,862
(iv) For Veterinary staff	Do.	110
(v) For sanitary workers	Do.	264
23. Institutions having own buildings		
(i) Panchayat Union office	Number.	372
(ii) Townships	Do.	9
(iii) Town Panchayats	Do.	439
(iv) Village Panchayats	Do.	5,082
(v) Primary Health Centres	Do.	370
(vi) Maternity and Child Welfare Centres	Do.	1,608
(vii) Dispensaries.		
(*a*) Regular	Number.	116
(*b*) Rural	Do.	129

PROGRESS OF COMUNITY DEVELOPMENT PROGGRAMME 1977–78—*cont*.

Item.	*Unit.*	*Magnitude.*
(1)	(2)	(3)
23. (viii) Ag riculture Godowns—		
(*a*) Main-depot-*cum*-godowns	Number.	371
(*b*) Additional godowns		403
(*c*) Sub-depots		175
(ix) Veterinary dispensaries	Number.	
(*a*) Dispensaries		448
(*b*) Sub-centres		292
(x) Panchayat Union Schools	Number.	
(*a*) Elementary schools		16,053

(*b*) Higher elementary schools		2,886
(xi) Aided schools	Number.	
(*a*) Elementary schools		3,734
(*b*) Higher Elementary Schools		1,192
24. Implements available—	Number.	
(i) Tractors		434
(ii) Trailors		439
(iii) Power sprayers		7,898
(iv) Hand sprayers		13,388
(v) Power drills		271
(vi) Hand boring sets		49
(vii) Rock blasting units		55
25. (*a*) Panchayat Plantations	Number,	1,753
(*b*) Extent in hectares		2,491

Item.	*Unit.*	*Magnitude.*
(1)	(2)	(3)
26. Remunerative enterprises	Number	
(i) Kalayana Mandapams		41
(ii) Markets—		
(*a*) Public		359
(*b*) Private		69
(iii) Shandies—		
(*a*) Public		744
(*b*) Private		96
(iv) Bus stands		233
(v) Slaughter houses		285

27. Industrial units run by Panchayat Union—		Number
(i) Carpentary	.. ..	134
(ii) Blacksmithy	.. ..	43
(iii) Others	.. ..	61
28. Cinema theatres in Panchayat Union area—		
(i) Permanent	.. ..	401
(ii) Temporary	.. ..	550

Source: Director of Rural Development, Madras.

XXIII. EMPLOYMENT.

TABLE 23·1

WORKING OF EMPLOYMENT EXCHANGES—1977-78.

Type of employment Exchanges.	Number of offices.	Registrations during the year.	Placements during the year.	Number on the Live Register at the end of the year.	Number of vacancies notified.
(1)	(2)	(3)	(4)	(5)	(6)
1. Professional and Executive Employment Office.	1	6,813	917	12,870	2,040
2. Employment Office for physically handicapped.	1	1,204	220	3,758	@
3. University Employment Information and Guidance Bureau.	3	1,479	95	2,924	@

4. District Employment Offices.	17	3,39,034	21,656	7,94,887	21,335
5. Sub-Employment Offices.	8	51,234	2,109	1,23,006	1,622
6. All Offices.	30	3,99,764	24,997	9,37,445	24,997

@ Vacancies were not notified directly to the employment office and University Employment information and guidance Bureau by the employers.

Source: Director of Employment and Training, Madras.

TABLE 23·2

EMPLOYMENT IN PUBLIC SECTOR 1977.

(as on 31st December 1977.)

Branches.	*Number in '000*
1. Central Government	220·8
2. State Government	358·9
3. Quasi Government (Central)	119·6
4. Quasi Government (State)	202·9
5. Local bodies	203·6
Total	1,105·8

Source: Director of Employment and Training, Madras.

TABLE 23·3

EMPLOYMENT BY INDUSTRIAL DIVISIONS—1977.

Industrial Division. (1)	*Public.* (2)	*Private.* (3)	*Total.* (4)
		(in '000·)	
0 Agriculture, Hunting Forestry, Fishing	19·5	67·7	87·2
1 Mining and Quarrying	20·7	10·0	30·7
2 and 3 Manufacturing	88·3	344·0	432·3
4 Electricity, Gas and Water	80·1	1·0	81·1
5 Construction	52·7	3·3	56·0
6 Wholesale and Retail trades Restaurants and Hotels.	18·5	40·0	59·3
7 Transport, storage and communications ..	196·4	12·7	209·1
8 Financing, Insurance Real Estate and Business services.	61·3	9·7	71·0
9 Community, Social and personal services ..	568·3	102·9	671·2
Total ..	1,105·8	592·1	1,697·9

Source: Director of Employment and Training, Madras.

TABLE

EMPLOYMENT IN PLANTATIONS

Plantations.	*Number of Estates Registered.*	*Number of Estates furnished returns.*
(1)	(2)	(3)
Tea	150	114
Coffee	138	98
Rubber..	27	27
Cinchona	4	3

@ Relates to the December 1977 Quarter Ended
Source: Commissioner of Statistics, Madras.

DURING THE YEAR 1977 @

Category of workers.	Average daily number of workers.			
	Garden Labour.		Outside Labour.	
	Permanent.	Temporary.	Permanent.	Temporary.
(4)	(5)	(6)	(7)	(8)
Men	19,025	844	82	730
Women ..	24,390	1,579	102	325
Minors ..	139	90	6	109
Men	2,047	782	152	393
Women ..	2,120	772	105	639
Minors ..	51	67	1	24
Men	880	50	247	10
Women ..	167	15	16	9
Minors ..	1	3	..	..
Men	350	64	..	193
Women ..	759	50	..	198
Minors ..	70	70	..	134

XXIV HOUSING AND BUILDING ACTIVITY

TABLE 24·1

DWELLING UNITS CREATED IN NEW CONSTRUCTIONS UNDER PUBLIC SECTOR BY ROOM UNITS.

Room Unit Size.	1976-77.
(1)	(2)
One room Unit	24,052
Two room Unit	2,866
Three room Unit	1,100
Four or more room Unit	28,206

Source.—Commissioner of Statistics, Madras.

TABLE 24·2.

Dwelling Units Created in New Constructions in Municipal Areas under Private Sector by Room Units.

Room unit size. (1)	1974–75. (2)	1975–76. (3)	1976–77. (4)
One room unit	248	205	255
Two room unit	212	133	129
Three room unit	85	88	109
Four room unit	187	195	231
Total :	732	621	724

Source : Commissioner of Statistics, Madras.

TABLE 24·3.

BUILDING PERMITS SANCTIONED BY LOCAL BODIES, 1977-78.

Authority sanctioning permits. (1)	*Number sanctioned.* (2)
1 Corporation of Madras	3,899
2 All Municipalities	11,432
3 Town Panchayats (Having Population 10,000 and above) ..	8,797

Source ; Commissioner of Statistics, Madras.

TABLE 24·4.

AMOUNT INVESTED IN HOUSING AND BUILDING ACTIVITY UNDER PUBLIC SECTOR.

Year.	*Residential Rs. in '000'*	*Percentage to total.*	*Non-residential Rs. in '000'.*	*Percentage to total.*	*Total Rs. in '000'.*
(1)	(2)	(3)	(4)	(5)	(6)
1976–77 ..	13,19,97	60·92	8,46,86	39·08	21,66,83

Source : Commissioner of Statistics, Madras.

TABLE 24·5.

CONSTRUCTION ACTIVITY OF THE TAMIL NADU HOUSING BOARD DURING 1977-78.

Name of the Scheme—	
1 Low Income Group Housing Schemes—Flats	1,368
2 Middle income Group Housing Schemes—Flats	1,238
3 Slum Improvement/Clearance Tenements	..
4 Tamil Nadu Government Rental Housing—Flats	8,964
5 Subsidised Industrial Housing—Tenements	..
6 Fire Proof Tenements	..
7 Special Low Cost Housing Scheme	1,866

Source : Tamil Nadu Housing Board, Madras.

TABLE 24.6.

CONSTRUCTION ACTIVITY OF THE TAMIL NADU SLUM CLEARANCE BOARD DURING 1977-78.

Item.	
1 Number of Tenements sanctioned for construction	2,218
2 Number of Tenements constructed	1,048
3 Amount sanctioned (Rs. in lakhs)	403·00
4 Amount Spent (Rs. in lakhs)	324·00
5 Number of Tenements occupied	1,072
6 Rent received (Rs. in lakhs)	35·27

Source : Tamil Nadu Slum Clearance Board.

TABLE 24·7.

INDEX NUMBER OF BUILDING COST IN MADRAS CITY.

(1971-72=100.)

Group. (1)	1976-77. (2)	1977-78. (3)
1 Building materials	159·19	164·85
2 Building labour	197·27	215·05
3 Other charges	169·11	162·64
4 Index number of building cost	167	173

Source : Commissioner of Statistics, Madras.

XXV. BANKS.

TABLE 25·1.

NUMBER OF COMMERCIAL BANK OFFICES, 1977–78.

Bank Group.	New Offices.† Opened by commercial banks during the year.	Of which opened at unbanked centres during the year.	Bank offices at the end of the year@	Bank offices per 1000 population.
(1)	(2)	(3)	(4)	(5)
1. State Bank of India	27	20	346	16
2. Subsidiaries of State Bank of India.	10	5	60	
3. Nationalised Banks	83	48	1,236	
4. (a) Other Scheduled Banks (b) Regional Rural Banks	126	97	899	

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NUMBER OF COMMERCIAL BANK OFFICES, 1977-78—*cont.*

Bank Group.	*New Offices†.*		*Bank offices at the end of the year@*	*Bank offices per 1000 population.*
	Opened by commercial banks during the year.	*Of which opened at unbanked centres during the year.*		
(1)	(2)	(3)	(4)	(5)
5. Foreign Banks	..	..	11	@16
6. All Scheduled Commercial Banks ..	246	170	2,552	
7. Non-Scheduled Commercial Banks	..	..		
8. All Commercial Banks	246	170	2,552	

@ As on 30th June 1978.

† 1977-78 (July 1977 to June 1978).

@ Represents population per Bank office in thousands (based on 1971 census).

(*Source* : Reserve Bank of India, Madras.)

TABLE 25·2.

DEPOSITS OF SCHEDULED COMMERCIAL BANKS.

(As on last Friday of June 1977.)

Type of deposits.	Amount.
	(RUPEES IN LAKHS.)
Current	35,36,06
Savings	47,60,17
Fixed	116,23,58
Others	..
Total ..	199,19,81

(*Source* : Reserve Bank of India, Madras.)

TABLE 25·3.

OCCUPATIONAL CLASSIFICATION OF OUTSTANDING CREDIT OF SCHEDULED COMMERCIAL BANKS.

(As on the last Friday of June 1975.)

Occupation. (1)	Number of Accounts. (2)	Amount. (3)
		(RS. IN 000'·)
I. Agriculture and allied activities	658,300	1,28,95,45
II. Industry	71,203	6,47,13,94
III. Trade	52,470	1,23,59,99
IV. Personal Loans (including consumer durables).	299,522	49,74,65
V. All others..	277,981	78,45,85
Total Bank credit @	1,359,475	10,27,89,88
@ of which small scale industry.	28,526	1,30,67,40

(*Source* ; Reserve Bank of India, Madras.)

TABLE 25·4.

AGGREGATE DEPOSITS AND TOTAL CREDIT OF PUBLIC SECTOR BANKS AND THEIR ADVANCES TO PRIORITY SECTORS.

(as on the last Fiday of June 1977.)

	Number of Accounts. (1)	Amount outstanding. (2)
		(RS. IN LAKHS.)
ADVANCES TO AGRICULTURE—		
1. Direct finance	791,599	12,137-47
2. Indirect finance	11,288	905·09
3. Total of 1 and 2	802,887	13,042·56
ADVANCES TO—		
4. Small Scale Industries, Craftsmen and other qualified entrepreneurs.	66,015	13,587·64

AGGREGATE DEPOSITS AND TOTAL CREDIT OF PUBLIC SECTOR BANKS AND THEIR ADVANCES TO PRIORITY SECTORS—*cont.*

	Number of Accounts. (1)	Amount Outstandiug. (2)
		(RS. IN LAKHS)
5. Road and Water Transport Operators ..	5,185	863·64
6. Retail Trade and Small Industries	100,145	2,192·10
7. Setting up of Industrial Estates	1	2·32
8. Professional and self-employed	53,129	683·08
9. Education	4,255	115·47
Total ..	1,031,617	30,486·81

(*Source* : Reserve Bank of India, Madras.)

XXVI. LIFE INSURANCE.

TABLE 26·1.

LIFE INSURANCE IN TAMIL NADU, 1977–78. (P)

(As on 31st March 1978.)

Item. (1)	*Number.* (2)
OFFICES —	
Branch Offices	53
Sub-Offices	2
Development Centres	8
Agents	9,884

LIFE INSURANCE IN TAMIL NADU, 1977-78 (P)—*cont.*

Item. (1)	*Number.* (2)
INDIVIDUAL BUSINESS—	
Policies issued—	
Rural	50,808
Urban	1,05,119
Total ..	1,55,927
Sum Assured (Rupees in Crores).—	
Rural	38·26
Urban	1,13.96
Total ..	1,52.22

(*Source* : Life Insurance Corporation of India.)

TABLE 26·2.

INVESTMENTS OF THE LIFE INSURANCE CORPORATION OF INDIA IN TAMIL NADU.

(As on 31st March 1978).

Item. (1)	(RS. IN CRORES.) (2)
State Government Securities	32·56
Municipal Securities	10·29
Land Development Bank—Debentures	17·22
State Electricity Board—Bonds	18·72
State Electricity Board—Loans	43·20
Tamil Nadu Industrial Investment Corporation—Bonds	3·76
Loans to State Government for Housing Schemes	18·24

INVESTMENTS OF THE LIFE INSURANCE CORPORATION OF INDIA IN TAMIL NADU—*cont.*

Item. (8)	*Investments.* (2)
Amount due in respect of controlled business taken over	..
Loans to Municipal Committees	32·56
Loans to Apex Co-operative Housing Finance Society	33·03
Loans to Sugar Co-operative Societies	1·71
Loans to Co-operative Industrial Estates	0·03
Shares and Debentures of Companies (including loans to companies) ..	37·58
Total ..	248·90

(*Source* : Life Insurance Corporation of India.)

XXVII. PRICE INDICES

TABLE 27·1.

INDEX NUMBER OF WHOLESALE PRICES IN TAMIL NADU.

(21st August 1939—100.)

Period.	*Food-grains.*	*Commercial products.*	*Compo-site.*
(1)	(2)	(3)	(4)
1972	1,112	1,498	1,327
1973	1,192	2,017	1,653
1974	2,102	2,265	2,193
1975	2,512	2,391	2,445
1976	1,730	2,463	2,139
1977	1,810	2,752	2,337

INDEX NUMBER OF WHOLESALE PRICES IN TAMIL NADU—*cont.*

(21st August 1939=100.)

Period. (1)	*Food-grains.* (2)	*Commerical products.* (3)	*Compo-site.* (4)
1978—			
January	1,702	2,818	2,326
February	1,652	2,726	2,252
March	1,568	2,671	2,184
April	1,519	2,600	2,123
May	1,521	2,580	2,112
June	1,554	2,625	2,152
July	1,569	2,667	2,182
August	1,616	2,661	2,200

September	1,597	2,692	2,209
October	1,645	2,785	2,282
November	1,663	2,800	2,298
December	1,641	2,793	2,285

Source: Commissioner of Statistics, Madras.

TABLE 27·2.

INDEX NUMBER OF WHOLESALE PRICES IN MADRAS CITY.

(21st August 1939 = 100.)

Period.	*Food articles.*	*Non-food articles.*	*Compo-site.*
(1)	(2)	(3)	(4)
1972	1,274	986	1,098
1973	1,528	1,126	1,282
1974	2,019	1,466	1,680
1975	2,334	1,504	1,826
1976	1,935	1,594	1,726
1977	2,117	1,642	1,826

1978—			
January	2,176	1,678	1,871
February	2,093	1,690	1,846
March	2,069	1,701	1,843
April	2,077	1,702	1,847
May	2,058	1,711	1,845
June	2,100	1,730	1,873
July	2,132	1,734	1,888
August	2,159	1,740	1,902
September	2,199	1,751	1,425
October	2,226	1,810	1,971
November	2,221	1,844	1,990
December	2,138	1,858	1,967

(*Source*—Commissioner of Statistics, Madras.)

TABLE 27·3.

Consumer Price Index Numbers for Industrial Workers.

Period.	*Madras City.*		*Cuddalore.*		*Tiruchirapalli.*	
	1960 =100.	1935—36 =100.	1960 =100.	1935—36 =100.	1960 =100.	1935—36 =100.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1972	197	938	201	946	208	926
1973	221	1,052	224	1,057	246	1,095
1974	281	1,335	296	1,394	329	1,465
1975	325	1,547	325	1,532	372	1,654
1976	283	1,347	289	1,361	313	1,391
1977	306	1,455	320	1,506	335	1,492

1978							
	January	322	1,533	335	1,578	357	1,589
	February	319	1,518	321	1,512	355	1,580
	March	315	1,499	317	1,493	350	1,558
	April	308	1,466	317	1,493	349	1,553
	May	305	1,452	318	1,498	348	1,549
	June	310	1,476	324	1,526	345	1,535
	July	314	1,495	333	1,568	354	1,575
	August	314	1,495	336	1,583	351	1,562
	September	313	1,490	334	1,573	357	1,589
	October	318	1,514	338	1,592	366	1,629
	November ..	328	1,561	342	1,611	385	1,713
	December	325	1,547	338	1,592	383	1,704

CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS—*cont.*

Period.	*Madurai.*		*Coimbatore.*		*Nagercoil.*		*Coonoor.*
	1960 =100	1935–36 =100	1960 =100	1935–36 =100	1960 =100	1939 =100	1960 =100
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1972	201	920	185	940	219	1,097	193
1973	226	1,034	207	1,050	255	1,276	214
1974	306	1,397	282	1,432	339	1,699	307
1975	352	1,607	331	1,678	390	1,954	314
1976	296	1,351	300	1,519	330	1,654	295
1977	328	1,497	317	1,609	344	1,724	312

1978	January ..	338	1,545	323	1,638	368	1,844	319
	February ..	326	1,490	317	1,607	354	1,774	319
	March ..	323	1,476	315	1,597	352	1,764	319
	April ..	323	1,476	314	1,592	351	1,759	313
	May ..	326	1,490	317	1,607	347	1,738	313
	June ..	331	1,513	321	1,627	352	1,764	317
	July ..	330	1,508	321	1,627	367	1,839	320
	August ..	331	1,513	328	1,663	372	1,864	315
	September ..	339	1,549	327	1,658	370	1,854	318
	October ..	344	1,572	327	1,658	376	1,884	320
	November ..	355	1,622	336	1,704	380	1,904	336
	December ..	357	1,631	335	1,698	371	1,859	338

Source: Commissioner of Statistics, Madras.

TABLE 27·4.

INDEX NUMBERS OF PARITY.

(1954—55=100)

Period. (1)	*Index number of Price received by the farmer.* (2)	*Index number of Price paid by the farmer.* (3)	*Index number of Parity.* (4)
1972	237·5	294·8	80·5
1973	278·5	325·3	85·5
1974	440·1	465·2	94·0
1975	501·0	552·5	90·5
1976	378·1	506·6	74·5
1977	410·5	539·1	76·2
1978	363·2	547·4	66·4

1978				
	January	400·0	537·1	74·5
	February	389·5	540·0	72·1
	March	380·7	537·3	70·9
	April	360·1	531·5	67·8
	May	360·3	543·6	66·3
	June	348·0	547·8	63·5
	July	358·5	543·6	65·9
	August	350·5	544·4	64·4
	September	358·5	551·7	65·0
	October	357·9	562·8	63·6
	November	347·6	565·0	61·5
	December	346·7	564·0	61·5

Source : Commissioner of Statistics, Madras.

TABLE 27·5.

CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.

(1960=100)

Period.	*Madras.*	*Madurai.*	*Tiruchi-rappalli.*
(1)	(2)	(3)	(4)
1972	200	175	194
1973	222	199	209
1974	275	264	273
1975	310	306	313
1976	292	285	282
1977	307	291	306

1978	January	320	302	322
	February	315	293	309
	March	315	292	305
	April	314	292	306
	May	316	294	309
	June	318	296	309
	July	318	297	311
	August	316	299	311
	September	318	301	313
	October	321	304	315
	November	326	311	328
	December	325	312	325

(*Source* : Central Statistical Organisation, New Delhi.)

XXVIII. IMPORTS AND EXPORTS.

TABLE 28·1.

PRINCIPAL COMMODITIES EXPORTED TO FOREIGN COUNTRIES THROUGH THE PORTS OF TAMIL NADU.

1976–77.

(RUPEES IN LAKHS.)

Serial number and Commodity.	*Unit.*	*Quantity*	*Value.*
(1)	(2)	(3)	(4)
1 Leather	..	..	17,256
2 Tobacco manufactured and unmanufactured ..	Tonne	86,839	3,741
3 Handloom piece goods	1,000 metres.	42,167	3,249
4 Iron Ore and Concentrates	Tonne	22,63,319	3,041
5 Fish and Fish Preparations	Tonne	5,786	2,428

6	Millmade piece goods	1,000 metres.	27,840	1,554
7	Cotton Yarn and Thread	Tonne	5,152	916
8	Cement	Tonne	4,33,681	838
9	Solvent Extract groundnut cake and meal	Tonne	25,856	365
10	Mica including Splitting and waste	Tonne	62,206	360
11	Granite Pherphyry Besalt, Sand, stone, etc.	Tonne	57,546	315
12	Onions	Tonne	17,835	259
13	Bones crushed	Tonne	20,054	230
14	Chillies	Tonne	1,729	224
15	Mulburry Silk Waste	Tonne	933	126
16	Hides and Skins	Tonne	81,550	126
17	Senna leaves and padi	Tonne	3,398	78
18	Coffee Green or Roasted	Tonne	278	74

PRINCIPAL COMMODITIES EXPORTED TO FORIGN COUNTRIES THROUGH THE PORTS OF TAMIL NADU, 1976-77—*cont.*

(RUPEES IN LAKHS).

Serial number and Commodity. (1)	*Unit.* (2)	*Quantity.* (3)	*Value.* (4)
19 De-oiled rice bran	Tonne	11,528	71
20 Palm leaves and stalks	Tonne	5,081	54
21 Manganesite calcined	Tonne	6,387	49
22 Cashew Kernels	Tonne	225	43
23 Goat hair other than Angora	Tonne	409	40
24 Palm fibre for brushes	Tonne	1,433	27
25 Beedi Wrapper leaves	Tonne	464	17
26 Sandal wood oil	Tonne	102	16
27 Cotton Mill Waste	Tonne	5,166	13

28	Garlic	Tonne	787	11
29	Curry Powder	Tonne	162	11
30	Cardamom	Tonne	29	7
31	Human Hair Worked and Waste	Tonne	662	7
32	Turmeric	Tonne	323	7
33	Mangoes	Numbers	1,59,362	4
34	Tamarind	Tonne	980	1
35	Other Commodities	..	..	16,719
	Total			52,277

Source: Commissioner of Statistics, Madras.

TABLE 28·2.

PRINCIPAL COMMODITIES IMPORTED FROM FOREIGN COUNTRIES THROUGH THE PORTS OF TAMIL NADU.

1976–77 (P).

Serial number and commodity. (1)	*Unit.* (2)	*Quantity.* (3)	*Value.* (4)
			(RUPEES IN LAKHS.)
1 Machinery other than Electric	..	..	8,480
2 Iron and Steel	..	..	6,145
3 Petroleum Products	..	..	3,775
4 Wheat	tonne	374,083	3,398
5 Urea (containing more than 45 per cent Nitrogen).	tonne	4,806,538	2,766

6	Electric Machinery apparatus and appliances.	..	..	2,324
7	Transport Equipment	..	..	1,920
8	Urea (not containing more than 45 per cent of Nitrogen).	tonne	296,957	1,805
9	Copper	tonne	9,739	925
10	News print paper	tonne	34,528	911
11	Rock Phosphate	tonne	104,894	659
12	Ammonium Sulphate	tonne	43,630	491
13	Wattle Extracts	tonne	14,480	403
14	Cinematographic films	metre	24,48,776	182
15	Sulpher other than sublimed	tonne	14,104	136
16	Aluminium	tonne	717	110
17	X Ray films and Plates	Numbers	212,247	75

PRINCIPAL COMMODITIES IMPORTED FROM FOREIGN COUNTRIES THROUGH THE PORTS OF TAMILNADU 1976-77 (P)—*cont*.

Serial number and commodity. (1)	*Unit* (2)	*Quantity.* (3)	*Value.* (4)
			(RUPEES IN LAKHS.)
18 Milk and Cream	tonne	414	12
19 Wattle Bark	tonne	969	9
20 Potassium Chloride	tonne	125	7
21 Hides and Skins	..	..	6
22 Other commodities	..	..	12,562
Total ..	..	..	47,101

Source : Commissioner of Statistics, Madras.

XXIX LEGISLATURE AND ELECTIONS.

TABLE 29·1.

GENERAL ELECTIONS 1977.

Item. (1)	*Assembly.* † (2)	*Parliament.* ‡ (3)
Population—1977 + ...	46,948,800	46,948,800
Electorate	28,173,342	27,185,924
Total number of seats	234	39
Seats Reserved for		
1 Scheduled Castes	42	6
2 Scheduled Tribes	2	..
3 General	190	33

GENERAL ELECTIONS, 1977.—*cont.*

Item (1)	*Assemply.*† (2)	*Parliament*‡ (3)
Persons voted	17,342,783	18,252,182
Percentage of persons voted	61·57	67·14
Votes polled by political parties.		
All India Anna Dravida Munnetra Kazhagam.	5,194,875	5,463,741
Communist Party of India	496,955	822,233
Communist Party—Marxist	477,835	279,081
Dravida Munnetra Kazhagam	4,258,767	3,224,654
Forward Block	53,197	..

Indian National Congress	2,994,534	3,977,306
Indian Natioanl Congress (organisation) ..	..	3,156,116
Janatha	2,851,879	..
Republican Party of India	15,648	28,060
Independents	764,380	908,716

† Elections held in June 1977. ‡ Election held in March 1977.

\+ Projected population.

XXX JUSTICE

TABLE 30·1.

JUDICIAL DIVISIONS AND ORIGINAL JURISDICTION—1978. (As on 1st January 1978)

Item. (1)	Number. (2)
1 Judges of Chief Courts of State (including the Chief Justice)	15
2 Revenue Districts	15
3 District Judges	34
4 Other Judges	
(a) Stipendiary (District Munsif and Sub-Judge) including Chief Judical Magistrates and Metropolitan Magistrates.	225
(b) Honorary	..

5 Session Divisions	16
6 Session Judges	21
7 Other Judges	13
8 District Magistrates	13
9 Other Magistrates	
(*a*) Stipendiary	156
(*b*) Honorary	..

(*Source* : Registrar, High Court, Madras.)

TABLE 30·2.

Results of Civil and Revenue Cases in the Courts of Original Jurisdiction—Civil Suits Regular—1977.

Item.	*Number.*
(1)	(2)
I. Number of suits before the courts	
1 Pending at the beginning of the year	203,842
2 Instituted during the year	415,457
3 Revived during the year	12,583
4 Otherwise received	8,158
Total	640,040

II. Number of suits disposed of.	
1 Exparte	41,733
2 On admission of claim	41,586
3 Compromised	4,962
4 After full trial.	
(*a*) Judgment for plaintiff	28,594
(*b*) Judgment for defendant	16,995
5 Reference to arbitration	3
6 By transfer	8,994
7 Otherwise disposed of	263,813
III. Pending at the close of the year	217,995
IV. Pending for more than one year	89,920

(*Source* : Registrar, High Court, Madras.)

XXXI. POLICE AND PRISONS.

TABLE 31·1.

POLICE FORCE—1977.

(As on 31st December 1977).

District.	Police station including Traffic and Crime branches.	Out posts.	Actual strength.	
			Local Police.	Armed Reserve.
(1)	(2)	(3)	(4)	(5)
Chengalpattu East	30	5	1,041	583
Chengalpattu West	35	11	832	256
North Arcot	61	12	1,700	855
South Arcot	71	8	1,924	716

Thanjavur East	30	3	846	340
Thanjavur West	37	5	1,013	346
Tiruchirappalli	57	9	1,580	829
Pudukkottai	21	5	522	221
Madurai South	35	9	1,217	788
Madurai North	40	4	1,049	396
Tirunelveli	76	28	2,303	822
Ramanathapuram East	44	18	1,061	533
Ramanathapuram West	31	3	759	455
Kanniyakumari	18	8	734	340
Nilgiris	23	5	564	244
Salem	54	2	1,273	552
Coimbatore Urban	18	3	815	448

POLICE FORCE—1977—*cont.* (As on 31st December 1977.)

District.	*Police station including Traffic and Crime branches.*	*Out-posts.*	*Actual strength* *Local Police.*	*Actual strength* *Armed Reserve.*
(1)	(2)	(3)	(4)	(5
Coimbatore Rural	58	11	1,394	368
Dharmapuri	27	6	505	227
Railway Police	26	27	1,189	..
Madras City Police	45	7	3,630	2,146
Other Units	..	..	1,924	4,483
Total ..	837	184	27,875	15,948

(*Source* : Inspector-General of Police, Madras.)

TABLE 31·2.

COGNIZABLE OFFENCES UNDER INDIAN PENAL CODE.

(Including attempts).

Item. (1)	1975. (2)	1976. (3)	1977. (4)
1 Total Cognizable Crimes (I.P.C. cases) ..	74,909	69,806	90,396
2 Rioting (147—149)	3,018	2,675	6,509
3 Offences relating to coin (231 to 254)	4	1	..
4 Offences relating to currency and bank notes (489 A to 489 B).	100	77	96
5 Murder (302—303)	907	709	835
6 Culpable homicide not amounting to murder (304—308).	25	11	14

COGNIZABLE OFFENCES UNDER INDIAN PENAL CODE—*cont*,

(Including attempts.)

Item. (1)	1975. (2)	1976. (3)	1977. (4)
7 Administering stupefying drugs (328)	7	3	10
8 Kidnapping and abduction (363, 367, 371 and 373).	222	314	493
9 Dacoity and preparations and assembly for dacoity (395–398, 339 and 402).	21	24	35
10 Robbery (392–394, 396, 398)	170	154	162
11 House-breaking (449 to 452, 454, 455, 457 and 460).	7,709	8,154	10,975
12 Cheating (419 and 420)	1,155	1,814	1,596
13 Breach of trust (406—409)	935	1,369	1,617

Thefts (379—382)	27,660	25,907	33,214
(*a*) Copper wire	1,688	1,505	1,781
(*b*) Cattle	1,522	1,146	1,337
(*c*) Cycle	4,224	4,455	6,204
(*d*) Motor Vehicles accessories	96	164	174
(*e*) Fire arms	3	4	5
(*f*) Explosives	9	..	3
(*g*) Other type	16,110	18,479	21,002
15 Others	..	..	..

(*Source* : Inspector-General of Police, Madras).

TABLE : 31·3

PRISONS AND CONVICTS, 1977.

Item. (1)	Number. (2)
Classification of Prisons	
(*a*) Central Prisons	1
(*b*) State Jail for Women	1
(*c*) Taluk Sub-Jails	119
(*d*) Special Sub-Jails @	3
(*e*) Open Air-Jails	3
(*f*) Borstal School	1

Classification of Convicts

Length of Sentence. (1)	*Males.* (2)	*Females.* (3)	*Total.* (4)
(*a*) Below one year	8,023	978	9,001
(*b*) Above one year and not exceeding two years	443	5	448
(*c*) Above two years and not exceeding five years	462	5	467
(*d*) Exceeding five years and not exceeding ten years.	349	3	352
(*e*) Exceeding ten years	16	8	24
(*f*) Life Sentences	1,653	48	1,701
(*g*) Transportation for life	..	..	..
(*h*) Sentenced to death	15	..	15
Total ..	10,961	1,047	12,008

@ Under direct control of Inspector-General of Prisons.

(*Source* : Inspector General of Prisons.)

XXXII. LOCAL BODIES

TABLE No. 32·1

Municipal Councils Area and Population by Grades.

(as on 31st March, 1978.)

Classification of Municipal Councils.	*Number.*	*Area in Sq. k.m. (as per census 1971).*	*Population (as per census 1971)*
(1)	(2)	(3)	(4)
1 Corporations	2	148.92	3,018,563
2 Special Grade	3	65.05	972,484
3 Selection Grade	10	139.97	1,006,945
4 First grade	25	323.07	1,613,344

5 Second Grade	33	400·92	1,506,436
6 Third Grade	25	410·80	682,178
7 Town ship Committees	8	135·14	206,169
Total ..	106	1,623·87	9,006,119

(*Source* : Commissioner of Statistics, Madras.)

TABLE 32·2

MUNICIPAL COUNCIL BY DISTRICTS GRADES.

(as on 31st March 1978)

District.	*Grades of Municipal Councils.*							
	Corporation.	*Special.*	*Selection.*	*First.*	*Second.*	*Third.*	*Town-ship. committee.*	*Total.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Madras	1	..	..	..	..	..	..	1
2. Chengalpattu	..	..	..	3	3	2	4	12
3. South Arcot	..	..	..	3	3	1	..	7
4. North Arcot	..	..	1	3	5	2	..	11
5. Dharmapuri	..	..	..	..	2	..	..	2

6. Salem	..	1	..	1	3	2	1	8
7. The Nilgiris	..	..	1	1	..	..	..	2
8. Coimbatore	..	1	3	3	3	..	1	11
9. Tiruchirapalli	..	1	..	2	..	3	..	6
10. Pudukkottai	..	..	..	1	..	1	..	2
11. Thanjavur	..	..	2	2	3	1	..	8
12. Madurai	1	..	1	1	4	2	1	10
13. Ramanathapuram ..	..	..	..	3	5	3	..	11
14. Tirunelveli	..	..	2	1	2	5	1	11
15. Kanniyakumari	..	..	..	1	..	3	..	4
Total ..	2	3	10	25	33	25	8	106

(*Source* : Commissioner of Statistics, Madras.)

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TABLE 32·3

Receipts and Expenditure of the Municipal Counsils—1976–77.

(in ' 000 ' Rupees.)

Classification of Municipal councils.	*Total Receipts.*	*Total Expenditure.*
(1)	(2)	(3)
Corporations	4,28,131	4,27,926
Special Grade	1,41,316	1,34,301
Selection Grade	1,00,534	95,296
First Grade	1,23,313	1,12,463
Second Grade	94,310	91,872
Third Grade	28,173	27,436

Township Committees	16,947	21,640
Total ..	9,32,724	9,10,934

(*Source* : Commissioner of Statistics Madras.)

TABLE 32·4.

PANCHAYAT UNIONS AND PANCHAYATS BY DISTRICTS, 1977–78.

District.	*Development districts.*	*Panchayat Unions.*	*Village Panchayats.*	*Town Panchayats.*	*Townships.**
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu	2	27	1,196	44	1
2 South Arcot	2	34	1,744	32	1
3 North Arcot	2	36	1,585	37	..
4 Salem	2	35	721	56	1
5 Coimbatore	2	41	737	116	2
6 Tiruchirapalli	2	31	883	44	..
7 Thanjavur	2	34	1,438	39	..

8 Madurai	2	34	853	55	2
9 Ramanathapuram ..	2	32	1,297	28	1
10 Tirunelveli	2	31	828	58	2
11 Dharmapuri	1	16	581	18	..
12 Pudukkottai	1	10	488	9	..
13 Kanniyakumari	1	9	224	64	1
14 The Nilgiris	1	4	27	21	1
State ..	24	374	12,602	621	12

* Constituted under Panchayat Act.

(*Source* : Director of Rural Development, Madras.)

TABLE 32.5.

REVENUE TALUKS AND REVENUE VILLAGES, 1977–78.

BY DISTRICTS.

(As on 31st March 1978.)

District. (1)	*Revenue Divisions.* (2)	*Revenue Taluks.* (3)	*Revenue Firkhas.* (4)	*Revenue Villages.* (5)
1 Madras	..	5	20	41
2 Chengalpattu	4	12	72	2,246
3 North Arcot	4	13	67	1,918
4 South Arcot	4	10	58	2,286
5 Thanjavur	6	13	67	2,132
6 Tiruchirapalli	4	10	58	961

7 Pudukkottai	2	5	30	758
8 Salem	4	9	50	1,014
9 Dharmapuri	2	7	37	1,106
10 Coimbatore	4	10	52	989
11 The Nilgiris	2	3	10	54
12 Madurai	4	12	72	1,102
13 Ramanathapuram	4	12	99	1,365
14 Tirunelveli	4	12	69	1,044
15 Kanniyakumari	1	4	13	81

(*Source*: Board of Revenue (Land Revenue) Madras.)

XXXIII STATE FINANCE.

TABLE 33.1.

Overall Budget.

Item.	1976–77 *Accounts*	1977–78 (*Revised Estimate*).	1978–79 (*Budget Estimate*).
(1)	(2)	(3)	(4)
		(Rs. in lakhs).	
I. Revenue Account—			
1 Revenue	6,28,98	6,52,98	6,80,08
2 Expenditure	6,28,37	7,09,47	7,26,76
3 Surplus (+) or Deficit (—)	(+)61	(—)56,49	(—)46,68
II Capital Account—			
1 Receipts	21,66,74	11,88,56	8,44,33

2 Disbursements	21,72,69	11,54,60	8,14,52
3 Surplus (+) or Deficit (—)	(—)5,95	(+)33,96	(+)29,81
III. MISCELLANEOUS REMITTANCES (NET) ..	(+)3,79	(—)92	(+)2,53
IV. Overall surplus (+) or Deficit (—) ..	(—)1,55	(—)23,45	(—)14,34

Source: Budget Documents

TABLE 33·2.

RECEIPTS ON REVENUE ACCOUNT BY PRINCIPAL HEADS.

Item.	1976–77 *Accounts.*	1977–78 (*Revised Estimate.*)	1978–79 (*Budget Estimate*).
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS.)	
I. Tax Revenue (a)+(b)	**4,74,85**	**4,96,25**	**5,23,26**
(*a*) Share from Central Taxes	**1,28,50**	**1,37,26**	**1,45,75**
(i) Income Tax	51,78	54,65	57,38
(ii) Estate Duty	79	75	78
(iii) Union Excise Duties	75,93	81,86	87,59
(*b*) State Taxes	**3,46,35**	3,58,99	**3,77,51**

(i) Agricultural Income Tax ..	2,44	2,50	2,50
(ii) Land Revenue	5,09	1,67	2,12
(iii) State Excise Duties	4,66	4,03	4,07
(iv) Sales Tax	2,29,34	2,45,66	2,59,03
(v) Stamps (Net)	19,03	19,66	20,51
(vi) Registration fees	3,19	3,32	3,42
(vii) Taxes on vehicles	48,59	50,57	52,44
(viii) Other Taxes and Duties	34,01	31,58	33,42
II. *Non-Tax Revenue*	**1,54,13**	**1,56,73**	**1,56,82**
(*a*) Grants-in-aid from the centre.. ..	54,11	66,69	66,96
(*b*) Interest	25,55	22,65	21,39
(*c*) Commercial Enterprises	16,63	17,78	20,01
(*d*) Administrative Services ..	9,43	8,64	7,73

RECEIPTS ON REVENUE ACCOUNTS BY PRINCIPAL HEADS—*cont*.

Items,	1976–77 *Accounts*.	1977–78 (*Revised Estimate*).	1978–79 (*Budget Estimate*).
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS.)	
(*e*) Social and Development Services ..	37,40	33,51	33,12
(*f*) Public works	82	93	88
(*g*) Other Receipts	10,19	6,53	6,73
Total Revenue Receipts ..	6,28,98	6,52,98	6,80,08

Source : Budget Document.

TABLE 33·3.

EXPENDITURE ON REVENUE ACCOUNT BY PRINCIPAL HEADS.

(RUPEES IN LAKHS.)

Item.	1976-77 *Accounts.*	1977-78 (*Revised Estimate*).	1978-79 (*Budget*) (*Estimate*).
(1)	(2)	(3)	(4)
I. Development Expenditure (A+B) ..	**4,27,66**	**4,91,11**	**4,80,58**
A. Social and Community Services ..	**2,68,36**	**3,06,03**	**3,04,39**
1. Education, Art and Culture	1,43,32	1,69,09	1,75,25
2. Medical, Family Planning Health, Sanitation and Water Supply.	77,67	75,71	80,36
3. Housing and Urban Development ..	9,30	7,36	4,98
4. Social Security and Welfare	30,18	38,48	37,12

EXPENDITURE ON REVENUE ACCOUNT BY PRINCIPAL HEADS—*cont.*

Item (1)	1976–77 *Accounts* (2)	1977–78 (*Revised Estimate.*) (3)	1978–79 (*Budget Estimate.*) (4)
	(RUPEES IN LAKHS.)		
5. Other Social and Community Services.	7,89	15,39	6,68
B. Economic Services	**1,59,30**	**1,85,08**	**1,76,19**
1· Agricultural and Allied Services ..	80,62	92,01	94,02
2. Industrial and Minerals	9,42	11,82	9,67
3. Water and Power Development ..	30,99	36,35	32,12
4. Transport and Communcation ..	28,84	34,77	29,69
5. Other General Economic Services ..	9,43	10,13	10,69
II. Non-Development Expenditure (C+D).	**2,00,71**	**2,18,36**	**2,46,18**

C. General Services	1,81,50	2,00,17	2,26.77
1. Organs of State	7,47	8,67	16,77
2. Fiscal Services	14,21	15,37	15,97
3. Debt Services	67,17	72,40	69,92
4. Administrative Services	70,01	75,61	74,97
5. Others	22,64	28,12	59,14
D. Compensation and assignments to Local Bodies	19,21	18,19	19,41
Total Expenditure (I+II)	628,37	7,09,47	7,26,76

Source: Budget Document.

XXXIV. FIVE

TABLE

EXPENDITURE ON FIVE-YEAR

Heads of Development. (1)	*Fourth Plan* 1969–70 *to* 1973–74 *Accounts.* (2)	*Fifth Plan* 1974–75 *to* 1978–79 @ (3)
	RS.	RS.
1 Agriculture and allied programmes.	1,03,75 (18.56)	1,22,09 (10.88)
2 Co-operation..	7.87 (1.41)	31,48 (2.80)
3 Water and Power development.	2,38,34 (42.64)	4,25,37 (37.90)
4 Industry and Mining ..	33,00 (5.90)	61,36 (5.47)
5 Transport and communications	30,73 (5.50)	91,92 (8.19)
6 Social Services	1,42,82 (25.55)	3,08,24 (27.46)
(i) General Education..	40,06 (7.17)	43,04 (3.84)

YEAR PLANS.

34.1.

PLANS—STATE SCHEME.

(Rs. in Lakhs.)

Fifth Plan period.				
1974–75.	1975–76.	1976–77.	1977–78 (Revised Estimate)	1978–79 (Budget Estimate.)
(4)	(5)	(6)	(7)	(8)
RS.	RS.	RS.	RS.	RS.
21,75 (14·31)	18,69 (10.35)	23,35 (9.96)	37 78 (12.74)	37,14 (12.17)
5,33 (3.51)	10,20 (5.65)	9,15 (3.90)	12,54 (4.23)	7,41 (2.43)
42,28 (27.82)	65,82 (36.45)	98,27 (41.94)	1,20,96 (40.78)	1,39,02 (45.56)
9,76 (6.47)	10,64 (5.89)	14,90 (6.36)	13,76 (4.64)	13,52 (4.43)
18,02 (11.86)	13,27 (7.35)	23,94 (10.22)	31,40 (10.58)	28,31 (9.28)
53,31 (35.08)	59,76 (33.10)	62,37 (26.62)	77,32 (29.06)	78,52 (25.74)
6,27 (4.13)	5,69 (3.15)	6,64 (2.83)	14,08 (4.75)	15,49 (5.08)

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Heads of Development.	*Fourth Plan* 1969–70 *to* 1973–74 (*Accounts*)	*Fifth Plan* 1974–75 *to* 1978–79 (*PT*)
(ii) Technical Education	5,38 (0.96)	5,55 (0.49)
(iii) Cultural programme.	23 (0.04)	1,43 (0.13)
(iv) Medical, Public Health and Sanitation.	14,97 (2.68)	29,63 (2.64)
(v) Nutrition	15 (0.05)	6,54 (0.58)
(vi) Sewarage and Water supply.	27,97 (5.00)	1,08,55 (9.67)
(vii) Housing	29,67 (5.31)	59,81 (5.33)
(viii) Urban Development.	1,96 (0.35)	7,92 (0.71)
(ix) Welfare of S.C, S.T. and Backward Classes.	18,85 (3.37)	39,40 (3.51)

RUPEES IN LAKHS.

Fifth Plan Period				
1974–75	1975–76	1976–77	1977–78 (*Revised Estimate*)	1978–79 (*Budget Estimate*)
70 (0.46)	51 (0.28)	66 (0.28)	88 (0.30)	95 (0.31)
(—) 9 (—0.06)	19 (0.11)	16 (0.07)	22 (0.07)	28 (0.09)
4,25 (2.80)	5,10 (2.83)	5,01 (2.14)	5,90 (1.99)	6,72 (2.20)
19 (0.13)	1.05 (0.58)	78 (0.33)	44 (0.15)	45 (0.15)
22,49 (14.80)	16,43 (9.10)	25,88 (11.03)	26,51 (8.94)	27,30 (8.95)
9,06 (5.96)	11,48 (6.36)	10,62 (4.53)	10,34 (3.48)	9,25 (3.03)
2,79 (1.83)	2,08 (1.15)	3,50 (1.49)	7,57 (2.55)	6,73 (2,21)
5,84 (3.84)	15,21 (8.42)	7,51 (3.21)	9,14 (3.08)	9,33 (3.06)

Heads of Development.	*Fourth Plan* 1969–70 *to* 1973–74 (*Accounts*)	*Fifth Plan* 1974–75 *to* 1978–79 (*PT*)
6 (x) Craftsman Training and Labour Welfare.	88 (0.16)	2,04 (0.18)
(xi) Social Welfare ..	1,67 (0.30)	2,54 (0.23)
(xii) Others	103 (0.18)	1,79 (0.16)
7 Miscellaneous	2,45 (0.44)	11,96 (1.07)
Total ..	5,58,96 (100.00)	11,22,32* (100.00)

N.B.—Figures in brackets are percentages to the

*Includes Rs.69.90 lakhs of additional outlay approved

†Excludes HUDCO's assistance of Rs. 220 lakhs
Flood Relief Provision of Rs. 10.50 lakhs.

(*PT*)— Provision tentative.

Source : Director of Evaluation and applied Research,

RS. IN LAKHS

Fifth Plan Period				
1974–75	1975–76	1976–77	1977–78 (*Revised Estimates*)	1978–79 (*Budget Estimates*)
79 (0.52)	37 (0.21)	27 (0.12)	37 (0.12)	42 (0.14)
32 (0.21)	55 (0.30)	54 (0.23)	90 (0.30)	128 (0.42)
70 (0.46)	110 (0.61)	80 (0.34)	97 (0.33)	32 (0.10)
1,52 (1.00)	2,19 (1.21)	2,35 (1.00)	2,88 (0.97)	1,19 (0.39)
1,51,97 (100.00)	1,80,57 (100.00)	2,34,33 (100.00)	2,96,64 (100.00)	3,05,11† (100.00)

total expenditure.

in the meeting of the NDC.

and Housing Bonds resources of Rs. 25 lakhs but includes

Madras.

TABLE 34.2.

ANNUAL PLAN 1978–79 STATES AND UNION TERRITORIES.

(RUPEES IN CRORES).

Serial number States.		1977–78.		1978–79
		Approved outlay.	*Antici-pated expendi-ture.*	*Agreed outlay.*
1	Andhra Pradesh ..	368·75	383·03	449·00
2	Assam	119·39	117·95	155·00
3	Bihar ..	306·94	309·28	384·14
4	Gujarat	291·58	293·49	335·00
5	Haryana ..	154·40	167·95	210·00
6	Himachal Pradesh ..	56·35	56·27	73·00
7	Jammu and Kashmir.	89·68	93·86	108·00
8	Karnataka	241·50	245·66	309·00
9	Kerala	141·52	154·01	176·00
10	Madhya Pradesh ..	355·77	363·86	313·00
11	Maharashtra ..	661·80	668·74	735·00
12	Manipur	23·19	22·75	28·26

ANNUAL PLAN 1978-79 STATES AND UNION TERRITORIES—*cont*.

(RUPEES IN CRORES)

Serial number States.	1977-78. Approved outlay	1977-78. Antici-pated expendi-ture.	1978-79 Agreed outlay
13 Meghalaya	24.46	24.34	28.11
14 Nagaland	19.27	20.16	24.53
15 Orissa	154.00	154.51	191.00
16 Punjab	265.50	212.00	260.00
17 Rajasthan	175.30	197.56	235.00
18 Sikkim	12.47	13.46	15.80
19 Tamil Nadu	260.12	260.92	305.00
20 Tripura	15.78	16.61	22.70
21 Uttar Pradesh ..	654.75	681.79	755.00
22 West Bengal ..	315.92	316.95	371.40
Total States ..	4,708.44	4,775.15	5,593.94

ANNUAL PLAN 1978-79 STATES AND UNION TERRITORIES.

(RUPEES IN CRORES)

Serial number and States.	1977-78. *Approved outlay.*	1977-78. *Anticipated expenditure.*	1978-79. *Agreed outlay.*
Union Territories.			
1 Andaman and Nicobar Islands.	8.29	8.29	10.44
2 Arunachal Pradesh.	14.13	15.41	23.40
3 Chandigarh	11.04	10.26	12.12
4 Dadra and Nagar Haveli.	2.61	2.62	3.20
5 Delhi	90.10	90.12	108.00
6 Goa, Daman, Diu ..	21.06	23.53	27.50
7 Lakshadweep ..	1.67	1.60	2.44
8 Mizoram	11.07	11.26	16.65
9 Pondicherry	8.43	8.41	10.50
Total Union Territories.	168.40	171.50	214.25
Grand Total ..	4,876.84	4,946.65	5,798.10

Source : Draft Five-Year Plan 1978–83.

Planning Commission.
Government of India 1978.

XXXV. SMALL SAVINGS.

TABLE 35·1.

SMALL SAVINGS BY DISTRICTS—1977–78.

(RUPEES IN LAKHS.)

District.	*Gross.*	*Net.*
1 Madras	3,963·11	2,437·93
2 Chengalpattu	525·73	57·60
3 North Arcot	659·78	102·16
4 South Arcot	422·04	(—) 84·12
5 Thanjavur	834·27	(—) 48·27
6 Madurai	717·30	15·30
7 Ramanathapuram ..	587·73	73·09
8 Tirunelveli	818·01	69·88
9 Salem	508·56	29·84
10 Dharmapuri	191·41	55·58
11 Coimbatore	964·84	209·20
12 Kanniyakumari ..	274·78	40·29
13 Nilgiris	252·49	51·67
14 Pudukkottai	99·98	17·24
15 Tiruchirapalli ..	780·59	101·96
P.P.F.	70·96	70·96
Coal mines	2·14	2·14
E.P.F.	76·75	76·75
Tamil Nadu	11,750·47	3,279·20

Source.—Regional Director, National Savings, Madras.

XXXVI. INCOME TAX.

TABLE 36·1.

Income Tax Collections—1977–78.

Tax. (1)	*Amount.* (Rupees in ·000'). (2)
1 Corporation Tax	763,253
2 Income Tax	726,687
3 Estate Duty	14,000
4 Wealth Tax on other than Agricultural lands.	55,970
5 Wealth tax on Agricultural lands ..	85
6 Gift Tax	6,377

Source.—Commissioner of Income Tax.

XXXVII. PRINTING AND PUBLISHING

TABLE 37·1.

NUMBER OF PRINTING PRESSES (AS ON 1ST JANUARY 1978.)

District.	*Number.*
Madras	148
Chengalpattu	26
North Arcot	16
South Arcot	13
Dharmapuri	1
Salem	10
Coimbatore	55
Nilgiris	2
Madurai	28
Tiruchirapalli	30
Thanjavur	26
Ramanathapuram	2
Tirunelveli	34
Kanniyakumari	10
Pudukkottai	5

Source.—Commissioner of Statistics, Madras.

TABLE 37.2.

DAILIES AND PERIODICALS PUBLISHED BY LANGUAGES—1976.

District.	*Dailies.*				
	English.	*Tamil.*	*Telugu.*	*Others.*	*Total.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras	5	18	..	1	24
2 Chengalpattu	..	..	..	..	..
3 North Arcot	1	2	..	..	3
4 South Arcot	..	..	..	..	..
5 Tiruchirapalli	..	3	..	..	3
6 Thanjavur	..	..	..	..	..
7 Pudukkottai	..	..	..	..	..

8 Madurai	..	..	1	..	..	1
9 Ramanathapuram	..	..	..	..	..	..
10 Tirunelveli ..	..	..	3	..	..	3
11 Kanniyakumari ..	..	..	..	..	..	..
12 Salem	..	..	..	..	..	..
13 Dharmapuri ..	..	..	..	..	..	..
14 Coimbatore ..	..	1	..	..	..	1
15 The Nilgiris ..	..	..	..	..	..	..

Source: Director of Information and Public Relations, Madras.

DAILIES AND PERIODICALS PUBLISHED BY LANGUAGES—1976—*cont.*

District.	*Periodicals.*				
	English.	*Tamil.*	*Telugu.*	*Others.*	*Total.*
(1)	(7)	(8)	(9)	(10)	(11)
1 Madras	551	282	70	84	987
2 Chengalpattu	..	..	..	..	..
3 North Arcot	15	13	1	2	31
4 South Arcot	1	9	..	..	10
5 Tiruchirapalli	6	60	..	2	68
6 Thanjavur	1	15	..	..	16
7 Pudukkottai	..	..	..	..	..

8 Madurai ..	..	..	1	16	..	..	17
9 Ramanathapuram		..	..	..	..	..	..
10 Tirunelveli	..	..	..	1	..	..	1
11 Kanniyakumari	..	..	2	5	..	2	9
12 Salem ..	..	..	..	6	..	..	6
13 Dharmapuri	..	..	..	3	..	..	3
14 Coimbatore	..	..	4	8	..	..	12
15 The Nilgiris	..	..	..	1	..	..	1

Source: Director of Information and Public Relations, Madras.

XXXVIII. RECREATION.

TABLE 38·1.

CINEMA THEATRES—1977–78.

(as on 31st March 1978.)

Type. (1)	*Number.* (2)
1 Permanent—	
(*a*) Air-Conditioned	34
(*b*) Others	776
(*c*) Total	810
2 Semi-Permanent	102
3 Touring	720
Total (Items 2+3)	822
Grand Total	1,632

Source : Chief Electrical Inspector, Madras.

XXXIX. TOURISM.

TABLE 39·1.

PLACES OF TOURIST ATTRACTIONS.

District.	*Place.*	*Importance.*
(1)	(2)	(3)
Madras	Madras City ..	Capital of Tamil Nadu, First City and Gateway to South, Historic and commercial centre. A Metropolitan City.

Season.	*Distance in kilometre* — *From Madras City.* *By Rail.*	*By Road.*	*From the nearest town.* *Name of the town.*	*By Rail.*	*By Road.*
(4)	(5)	(6)	(7)	(8)	(9)
Throughout the year	..	..	Madras	..	..	..

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District.	Place.	Importance.
(1)	(2)	(3)
Chengalpattu	Mahabalipuram ..	Beach resort-Historical and Archaeological Centre.
	Kancheepuram ..	Temple town, Historical Archaeological and Pilgrim Centre.
	Thirukalikundram ..	Temple Town.
	Thiruthani	Temple Town.
	St. Thomas Mount	Place associated with St. Thomas.
	Vedanthangal ..	Water Birds Sanctuary.

Season.	Distance in kilometre. From Madras City. By Rail.	By Road.	From the nearest town. Name of the town.	By Rail.	By Road.
(4)	(5)	(6)	(7)	(8)	(9)
Throughout the year.	..	59	Chengalpattu	..	30
Do.	..	72	Kancheepuram	..	..
Do.	..	87	Chengalpattu	..	11
Do.	..	87	Thiruthani ..	..	..
Do.	..	18	Madras ..	..	18
October to February.	..	77	Chengalpattu	..	20

District.	*Place.*	*Importance.*
(1)	(2)	(3)
North Arcot	Vellore	Archaeological and historical centre.
	Thiruvannamalai ..	Templetown-pilgrim centre.
	Sathanur	Reservoir — picnic spot.
	Yelagiri	Hill station—picnic spot.
South Arcot	Chidambaram ..	Temple town—pilgrim centre.
	Gingee	Fort—Archaeological centre and picnic spot.
	Neyveli	Lignite mines.

Season.	Distance in Kilometre. From Madras. By Rail.	By Road.	From the nearest town. Name of the town.	By Rail.	By Road.
(4)	(5)	(6)	(7)	(8)	(9)
Through out the year.	..	138	Vellore ..	..	..
Do.		180	Thiruvanna-malai.	..	..
Do.	..	200	Thiruvanna-malai.	..	10
Do.	..	233	Jolarpet ..	..	25
Do.	..	282	Chidambaram	..	..
Do.	..	125	Tindivanam	..	28
Do.	..	232	Neyveli ..	..	..

District.	*Place.*	*Importance.*
(1)	(2)	(3)
Tiruchirapalli	Tiruchirapalli ..	Temple town—Historical, Archaeological and pilgrim centre.
	Srirangam ..	Temple Town.
Salem ..	Yercaud ..	Hill station.
	Mettur ..	Reservoir—picnic spot.
	Namakkal ..	Historical and Archaeological centre.
Dharmapuri	Hogenakkal ..	Waterfalls—Hill resort.

Season.. (4)	Distance in kilometre. From Madras By Rail. (5)	By Road. (6)	From the nearest town. Name of the town. (7)	By Rail. (8)	By Road. (9)
Through the year.	..	318	Tiruchirapalli	..	..
Do. ..	..	313	Tiruchirapalli	..	5
Do.	..	366	Salem ..	..	35
Do. ..	..	335	Salem ..	..	45
Do. ..	..	358	Salem ..	..	47
Do. ..	..	347	Dharmapuri	..	45

District.	Place.	Importance.
(1)	(2)	(3)
Madurai ..	Madurai ..	Historic — cultural religious and archaeological centre.
	Palani ..	Temple town—religious and archaeological centre.
	Alagarkoil ..	Temple town—religious and archaeological centre.
	Kodaikanal ..	Hill resort
	Vaigai Dam ..	Reservoir-picnic spot.
Kanniya-kumari.	Kanniyakumari ..	Religious centre land's end.

Season.	Distance in kilometre. From Madras City. By Rail.	By Road.	From the nearest town. Name of the town.	By Rail.	By Road.
(4)	(5)	(6)	(7)	(8)	(9)
Throughout the year.	..	443	Madurai ..	..	..
Do. ..	..	490	Dindigul ..	..	60
Do. ..	..	460	Madurai ..	..	21
March to September. ..	..	520	Madurai ..	..	120
Throughout the year.	..	540	Madurai ..	..	69
Do. ..	..	714	Kanniyakumari.	..	..

District.	Place.	Importance.
(1)	(2)	(3)
Kanniya-kumari	Padmanabhapuram	Palace—Archaeological centre.
	Suchindram ..	Religious centre.
	Vattakottai ..	Beach and picnic spot.
Coimbatore	Coimbatore ..	Commercial centre.
	Perur ..	Religious centre.
	Parambikulam-Aliyar. ..	Reservoir Picnic. spot.
	Anamalai ..	Wild life sanctuary
The Nilgiris	Ootacamund ..	Hill station }
	Kothagiri ..	Hill station }

Season. (4)	Distance in kilometre. From Madras City. By Rail. (5)	By Road. (6)	From the nearest town. Name of the town. (7)	By Rail. (8)	By Road. (9)
Throughout the year ..	..	746	Kanniya-kumari ..	..	32
Do. ..	..	727	Do. ..	..	15
Do. ..	..	720	Do. ..	..	16
Do. ..	..	507	Coimbatore	..	..
Do. ..	..	512	Do. ..	..	5
Do. ..	..	587	Do. ..	..	30
Do. ..	..	587	Do. ..	..	30
April to June,	..	559	Ootacamund	..	..
September and October.	..	563	Do. ..	..	29

District.	*Place.*		*Importance.*
(1)	(2)		(3)
The Nilgiris —*cont.*	Coonoor	..	Hill Station
	Mudumalai	..	Wild life sanctuary.
Thanjavur ..	Gangaikonda-Cholapuram.	..	Temple-Archaeological centre.
	Grand Anicut	..	Near Tiruchirapalli - Reservoir-Picnic Spot.
	Thanjavur	..	Temple town, Historical and Archaeological centre.
	Poomphuhar	..	Historic-Picnic spot.
	Nagoor	..	Religious centre (Muslim).

	Distance in kilometre.				
	From Madras City.		*From the nearest town.*		
Season.	*By Rail.*	*By Road.*	*Name of the town.*	*By Rail.*	*By Road.*
(4)	(5)	(6)	(7)	(8)	(9)
September and October	..	546	Ootacamund	..	19
February to May (Best season)	..	589	Do. ..	..	72
Throughout the year.	..	382	Thanjavur ..	..	71
Do. ..	..	337	Tiruchirapalli	..	19
Do. ..	..	311	Thanjavur ..	..	..
Do. ..	..	460	Chidambaram	..	38
Do. ..	..	530	Thanjavur .. Chidambaram	.. ..	78 78

District	*Place*		*Importance*
(1)	(2)		(3)
Thanjavur —*cont*,	Velanganni	..	Religious centre (Christian)
	Point Calimere		Wild Life Sanctuary.
Ramanathapuram	Rameswaram	..	Temple town-pilgrim centre—Archaeological.
Pudukkottai	Sithannavasal	..	Archaeological Centre.
Tirunelveli ..	Tiruchendur	..	Temple town pilgrim centre and Archaeological centre.
	Tenkasi	..	Temple town, pilgrim centre and Archaeological centre.
	Courtallam	..	Waterfalls Health resort.
	Mundanthurai	..	Tiger Sanctuary

Source—Director of Tourism Madras.

Season (4)	Distance in Kilometre: From Madras City. By Rail. (5)	By Road. (6)	From the nearest town. Name of the town. (7)	By Rail. (8)	By Road. (9)
Throughout the year. ..	..	540	Thanjavur ..	..	90
			Chidambaram	..	90
November—January (Best Season).	..	491	Thanjavur ..	..	20
Throughout the year.	..	624	Rameswaram	..	..
Do. ..	..	368	Pudukkottai	..	14
Do. ..	..	637	Tirunelveli ..	..	62
Do. ..	..	515	Tenkasi ..	..	..
Do. ..	..	520	Do. ..	..	5
January—September (Best Season).	..	694	Tirunelveli	..	57

APPENDIX

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METRIC SYSTEM OF WEIGHTS AND MEASURES

TABLE A.

LENGTH

100 centimetres	1 metre.
1,000 metres	1 kilometre.

WEIGHT

1,000 milligrams.. ..	1 gram.
1,000 grams	1 kilogram.
100 kilograms	1 quintal.
10 quintals	1 tonne.

CAPACITY

1,000 millilitres	1 litre.
1,000 litres	1 kilolitre.

AREA

100 square metres ..	1 are.
100 ares	1 hectare: 10,000 square metres.
100 hectares	1 square kilometre.

VOLUME

100 cubic centimetres	1 cubic metre.

TABLE B.

1 metre	1.09 yards; 39.4 inches.
1 kilometre	0·62 mile; 5 furlongs.
1 gram	0·04 oz.
1 kilogram	2.20 lb.
1 quintai	220.46 lb.
1 tonne	0.98 ton, 2,204 .6 lb.
1 litre	0·22 gallon; 35 oz.
1 kilolitre	220 gallons.
1 are	1,076 square feet.
1 hectare	2.47 acres; 10,000 square metres.
1 square kilometre ..	0·39 square mile.

TABLE C

1 inch	25.4 millimetres.
1 foot	30·5 centimetres.
1 yard	0·91 metre.
1 mile	1.61 kilometre.
1 lb.	0·45 kilogram; 454 grams.
1 viss	1,400 grams; 1·4 kilograms.

TABLE C—*cont.*

1 ton	1·02 tonne.
1 gallon	4·55 litres.
1 acre	0.40 hectare.
1 square mile	2·59 square kilometres.

TABLE D.

RECOGNISED ABBREVIATIONS.

millimetre	mm.
centimetre	cm.
metre	m.
kilometre	km.
gram	g.
kilogram	kg.
quintal	q.
tonne	t.
millilitre	ml.
litre	
kilolitre	kl.
square metre	sq.m.
square kilometre	sq.km
cubic metre	cu.m.

NOTES.

NOTES.